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TRANSMITTAL OF APPEAL BRIEF (Large Entity)					Docket No. TPP31333		
In Re Application Of: James A. SATCHELL, Jr. et al.							
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.		
09/686,626	October 12, 2000	S.R. Garland	24257	2125	6147		
Invention: VENDING MACHINE AND COMPUTER ASSEMBLY							

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Before the Board of Patent Appeals and Interferences

In re the Application of

James A. SATCHELL, Jr. et al.

Reissue Serial No.: 09/686,626 Examiner: S. Garland

Filed: October 12, 2000

For: VENDING MACHINE AND COMPUTER ASSEMBLY

APPEAL BRIEF

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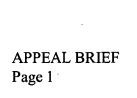
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I. Real Party in Interest

The real party in interest is the assignee of the inventor's respective interests, VendoNet, Inc. of Tuskegee, Alabama. However, for purposes of avoiding potential conflicts of interest, the assignee advises the Board that The Coca-Cola Company is a licensee under the original Letters Patent.

II. Related Appeals and Interferences

There are no related appeals or interferences known to Appellants, Appellants' legal representative or the assignee, which will directly affect, or be directly affected by, or have a bearing on, the Board's decision in the pending appeal.

III. Status of Claims

Claims 1-12 are allowed; claims 13-30, 42-59, and 128 are cancelled; and claims 31-41, 60-127 and 129-134 stand twice rejected and are the subject matter of this appeal.

IV. Status of Amendments

This appeal stems from the twice rejected claims of U.S. Patent Application Serial No. 09/686,626.

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V. <u>Summary of Claimed Subject Matter</u>

Independent claims 31, 97, 100, 112, 114, 127, 130 and 133 (and claims dependent thereon) are the subject matter of the appeal wherein claims 31, 97, 100, 112 and 133 are directed to the same statutory class, i.e., an apparatus; and claims 114, 127 and 130 are directed to methods.

Claim 31

Claim 31 is directed to a retrofit door for a vending machine in which the retrofit door has an access portal to the Internet on the door for interaction of a customer with the Internet (claim 31); See, Fig. 1, door 100, column 4, lines 43-50; column 5, 1st and 2nd full paragraphs (selector buttons or switches 120, 121, 122 connected to computer assembly 158 to enable the customer to log onto preprogrammed internet sites . . . and homepages) and (includes keypad 118 connected to the computer assembly to allow the customer to enter information to access the Internet and access and browse websites and homepages and to receive and transmit data to a suitable receiver or another computer) and includes a delivery port for dispensing at least one item selected by a customer to the customer; specification, column 4, line 52, element 156, Fig. 1 and column 5, lines 54-55, element 130, Fig. 1; element 230, Fig. 2 and column 6, lines 26-28 and Fig. 3, element 330, specification, column 6, lines 33-35.

Claim 97

Claim 97 recites the combination of a computer and selector provided on a door for retrofitting an existing vending machine where the computer is connected to and activated by the selector, to connect the computer to the Internet and convey information from the Internet to a website or homepage of a manufacturer of an item purchased or the owner or operator of the vending

machine, specification, column 3, lines 21-24 and conveying information from the Internet to a website or homepage, column 3, lines 23-27, column 5, lines 7-25, column 7, lines 1-9 and column 8, lines 35-46.

Claim_100

Claim 100 recites the combination of a computer and selector provided on a door for retrofitting an existing vending machine wherein the computer is connected to and activated by the selector device for connecting to a website or homepage of a website of an Internet provider, specification, column 3, lines 21-27, column 5, lines 7-25 and column 7, lines 1-9.

Claim 112

The retrofit door of claim 112 can also be provided with a payment control device, such as credit card reader 105, bill reader 107, coin acceptor 109; Fig. 1 (specification, column 5, last paragraph) and a video display screen 101 (Fig. 1; specification, column 4, last full paragraph) to permit two way interactive communication by the customer with the Internet, column 7, lines 28-32.

<u>Claim 114</u>

Method claim 114 permits a customer access to the Internet via a vending machine which vends at least one physical item (specification, paragraph bridging columns 1 and 2; column 4, 2nd and last full paragraphs; column 5, 2nd full paragraph to column 6, 1st full paragraph) wherein this purchase of the item permits the customer to be operatively connectable via the Internet to websites when the vending machine dispenses an article to be purchased.

Claim 127

Claim 127 claims a method of attracting greater patronage to a vending machine (specification, column 4, lines 22-24) by providing a vending machine with a connection to the Internet/worldwide web and permitting a customer access to websites on said Internet/worldwide web through interaction with said vending machine, wherein at least part of said access is located on a door of the vending machine, specification, column 1, lines 11-16, column bridging columns 1-2, column 2, lines 28-54, column 3, lines 5-11, Figs. 1-3; column 4, lines 13-36, column 5, lines 12-48, column 7, lines 1-10, 16-32, column 9, lines 22-49, column 9, line 6 to column 10, line 22.

Claim 130

Method claim 130 is directed to a method of manufacturing a vending machine wherein the vending machine dispenses an article to be purchased, wherein the improvement comprises incorporating an interactive consumer accessible Internet communication system into the vending machine (specification, paragraph bridging columns 1-2, column 4, 2nd and last full paragraphs, column 5, 2nd full paragraph to column 6, 1st full paragraph and Figs. 5-6).

Claim 133

Claim 133 is directed to a door for a vending machine for sale of items selected by a customer where the door includes a dispensing mechanism for dispensing an item from a plurality of items stored in a storage unit of a vending machine (Figs. 1-3 and specification, column 3, lines 12-15), a selector device for permitting the customer to select one or more of said items for sale (specification, column 6, lines 10-11), a payment control device 104, 105, 106, 109 (Fig. 1) (column

5, lines 49-67) and an access portal to the Internet on the door for interaction by the customer with the Internet, Figs. 1-3 and specification, column 3, lines 1-11, column 4, lines 13-38, paragraph bridging columns 3-4, column 5, lines 7-48, column 7, lines 17-32, column 8, line 13 to column 9, line 50.

VI. Grounds of Rejection to be Reviewed on Appeal

- (1.) Claims 114-127, 129 and 130 are rejected under 35 U.S.C. §251 as being an improper recapture of broadened claimed subject matter surrendered in the application for the patent upon which the present reissue is based.
- (2.) Claims 31-41, 60-64, 66, 68, 69, 71-108, 110-112, 127 and 129-134 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Bradt et al (U.S. Patent 4,839,505) in view of Sokal et al (U.S. Patent 5,953,504).
- (3.) Claims 65 and 70 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Bradt et al in view of Sokal et al as applied to claims 31-41, 60-64, 66, 68, 69, 71-108, 110-112, 127 and 129-134 above and further in view of Brown (U.S. Patent 5,445,295).
- (4.) Claims 67 and 113 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Bradt et al in view of Sokal et al as applied to claims 31-41, 60-64, 66, 68, 69, 71-108, 110-112, 127 and 129-134 above and further in view of Small (U.S. Patent 5,513,117).

- (5.) Claim 109 is rejected under 35 U.S.C. §103(a) as being unpatentable over Bradt et al in view of Sokal et al as applied to claims 31-45, 60-64, 66, 68, 69, 71-108, 110-112, 127 and 129-134 above in further view of Brandes (U.S. Patent 5,090,589).
 - (6.) Claim 130 is rejected under 35 U.S.C. §102(e) as being anticipated by Sokal et al.
- (7.) Claims 130 is rejected under 35 U.S.C. §102(b) as anticipated or, in the alternative, under 35 U.S.C. §103(a) as obvious over Huegel (U.S. Patent 5,239,480).
- (8.) Claim 130 is rejected under 35 U.S.C. §102(e) as being anticipated by Kolls (U.S. Patent 5,637,845).
- (9.) Claim 130 is rejected under 35 U.S.C. §102(b) as anticipated by, or in the alternative, under 35 U.S.C. §103(a) as obvious over Lockwood et al (U.S. Patent Reissue No. Re32,115).

VII. Arguments

(1) The Alleged Improper Recapture under 35 U.S.C. §251

The Examiner has erred in rejecting claims 114-127, 129 and 130 under 35 U.S.C. §251 as being an impermissible recapture.

Each of claims 114-127, 129 and 130 are directed to the statutory class of "process" whereas each of the claims originally presented and/or prosecuted in the application which matured into the patent being reissued were to the statutory class of "apparatus." There was never a method claim

presented, nor any manipulative steps of a method cancelled during prosecution of the application which matured into the patent being reissued.

The Examiner relies on Pannu v. Storz Instruments, Inc., 258 F3d 1366, 59 USPQ 2d 1597 (Fed. Cir. 2001); Hester Industries, Inc. V. Stein, Inc., 142 F3d 1472, 46 USPQ 2d 1641 (Fed. Cir. 1998); In re Clement, 131 F3d 1464, 45 USPQ 2d 1161 (Fed. Cir. 1997); Ball Corp. v. United States, 729 F2d 1429, 1436, 221 USPQ 289, 295 (Fed. Cir. 1984) for the prospect "A broadening aspect is present in the reissue which was not present in the application for patent."

To this, applicants take no issue. Indeed, in some cases, by definition, MPEP §1412.03, Rev. 2, May 2004, pages 1400-24 "method" claims are "broader" than "apparatus" claims. However, having filed the present reissue within two (2) years of the date of issue of the patent, the "broadening" aspect is not barred under 35 U.S.C. §251. The failure to include method claims was an error which arose without deceptive intent; See, e.g., the Supplemental Reissue Declaration (Exhibit B1) dated 8/10/04.

Moreover, "broadening" is not synonymous with "recapture."

The authority cited by the Examiner, e.g., <u>Pannu v. Storz Instruments, Inc.</u>, 59 USPQ 2d 1597 (Fed. Cir. 2001) <u>requires</u> the application of a three-step process, the first two steps which have not been fully considered by the Examiner here.

Step 1 is to:

"Determine whether and in what 'aspect' the reissue claims are broader than the patent claims

,

In the instant case, the MPEP (cited above) makes it clear that the filing of "method" claims may, in some cases, be broader than "apparatus" claims, because they relate to manipulative steps, not structure.

Thus, it is the <u>manipulative steps</u> of claims 114-127, 129 and 130 that are what are "broader" than the apparatus originally presented.

Step 2 of Pannu is to:

"... determine whether the <u>broader</u> aspect of the re-issued claims related to surrendered subject matter" (emphasis added). Here, the "broader" aspects are manipulative steps. None of the amendments or arguments made during prosecution of the apparatus claims of the original patent, narrowed or cancelled, or otherwise surrendered, any <u>manipulative steps</u>.

Thus, the second test of <u>Pannu</u> fails to justify a finding that appellants cancelled "manipulative steps" in the prosecution of the original patent or that any "manipulative steps" here claimed relate to surrendered subject matter of the patent allegedly being recaptured in the presently rejected claims.

The Examiner's constant recitation of "structure," e.g., "a vending machine having a door for retrofitting an existing vending machine" are mere dicta having nothing to do with surrendered broadened aspects of the reissue [method] claims."

Lastly, with regard to the Examiner's allegations that "the narrow scope of the claims in the patent was not an error within the meaning of 35 U.S.C. §251," the great weight of authority is against the Examiner; See, In re Schripps Clinic and Research Foundation v. Genetec, Inc., 18 USPQ 2d 1001, 1009 (Fed. Cir. 1991), citing Balcorp v. The United States, 221 USPQ 289, 296, n. 28 "the purpose of the reissue statute is to avoid forfeiture of substantive right due to errors made without

intent to deceive," when the statutory requirements are met, reissuance of the patent is not discretionary with the Commissioner, it is mandatory ("shall") citing In re Handle, 136 USPQ 460, 464 (CCPA 1963). See Exhibit B1, applicants' Supplemental Reissue Declaration. According to the Examiner, no "broadening" reissue application can be granted even though the reissue statutes so direct. The courts have also stated "The failure of the attorney to claim the invention sufficiently broadly is one of the most common sources of defects." In re Wilder, 222 USPQ 369 (Fed. Cir. 1984), cert den'd, 469 US 1209 (1985) (emphasis added).

Furthermore, the Examiner refuses to even consider the recent illustrative examples of proper broadening as stated in the expanded panel decision of Ex parte Eggert, 67 USPQ 2d 1716 (BPAI 2003) as guidance in determining whether improper recapture exists (See, the paragraph bridging pages 5-6 of the Final Rejection dated December 2, 2004).

For all the foregoing reasons, the Examiner's position is without legal authority, and is arbitrary and capricious in not following the statutory requirements of reissue, the guidelines of the MPEP and his own cited authority of <u>Pannu</u>.

(2) The Prior Art Rejections Based Solely, Or In Part, On Sokal et al

A. The Examiner has cited Sokal et al, alone or in combination with one or more secondary references in rejecting all the claims.

Sokal et al issued from an application filed on October 10, 1995, whereas the application (U.S. Application No. 08/718,232), which matured into the patent being reissued was filed on September 18, 1996 and, therefore, qualifies as prior art only under 35 U.S.C. §102(e) and is not a

statutory bar. Moreover, Sokal et al does not claim the subject matter of the present claims. Thus, no interference will be declared.

Accordingly, applicants are entitled to employ the procedure of 37 C.F.R. §1.131 to antedate Sokal et al.

One of the co-inventors, James A. Satchell, Jr., had previously filed, <u>pro se</u>, U.S. Patent Application Serial No. 08/429,583. Although deposited with the United States Patent and Trademark Office on April 27, 1995, through the unfamiliarity of the <u>pro se</u> applicant, it was not given a filing date until August 17, 1995. During presentation of that application a substitute specification was filed on November 8, 1995 (see Declaration of Eric Robins Exhibit B6) Paragraph 5 and Exhibit B thereto which is a printed Pair document of USPTO records which constitutes a constructive reduction to practice of the invention. Although such substitute specification was filed subsequent to the filing date of the '583 application, it nonetheless qualifies as a constructive reduction to practice. See <u>Kawai v. Metlesics</u>, 178 USPQ 158 at 163 (CCPA 1973):

"It follows naturally from this that the written description in the application is the evidence proving the invention of that which is reduced to practice".

The courts have recognized that the written description in the application is the reduction to practice. Such was the case in the predecessor '583 application. Thus, appellants only needed to show diligence from just prior to the critical date of Sokral et al (10/10/95) until November 8, 1995, which has amply been documented.

See Declaration of Dora Stroud (Exhibit B2), Supplemental Declaration of Dora Stroud (Exhibit B3) and the Declaration of James A. Satchell and Johnson A. Asumadu (Exhibit B4) dated April 23 and 25, 2003 and Declaration of James A. Satchell, Jr. (Exhibit B8).

The Examiner had previously conceded that appellants had established conception prior to Sokal et al. (See, paragraph 4 of the Office Action of May 20, 2004). However, in the office action of June 28, 2006, the Examiner has apparently withdrawn the concession of conception prior to the critical date of Sokal et al. (See, paragraphs 6 and 8 of the office action of June 28, 2006). The Examiner had also conceded that diligence has been established from the time period of March 19, 1996 up to the filing of the '232 application on September 18, 1996 (See, paragraph 4 of the Office Action of May 20, 2004), a concession which has not been withdrawn or modified (See, paragraph 12 of the Office Action of June 28, 2006).

Moreover, as set forth in the Office Action of June 28, 2006 (paragraph12) the Examiner required that "the entire time period from just prior to the filing date of 10/10/95 (October 10, 1995) of the Sokal et al reference to the March 19, 1996 rejection must be accounted for by either affirmative acts or acceptable excuses to overcome the Sokal reference" cited MPEP 2138.06

Initially, applicants disagree with the Examiner's reliance on MPEP 2138.06 which is directed to "interference" practice under 35 U.S.C. 102(g). This is <u>not</u> a priority contest.

Although the Examiner gives lipservice to the fact that this is not a "priority contest," he again cites the Interference Rules (MPEP 2138.06) under 35 U.S.C. §102(g), Office Action of June 28, 2006, paragraph 12 and apparently denies diligence based on alleged inactivity for November 14-16, et seq. (1995), paragraph 12, of last Office Action.

It is respectfully submitted that the Examiner neither understands conception or diligence in the context of a showing under 37 C.F.R. §1.131, but is placing arbitrary and artificial hurdles for the present appellants to overcome.

The applicable rule is 37 C.F.R. §1.131 which requires "conception prior to the critical date of the reference" and "due diligence until reduction (actual or constructive) to practice." See, Chisum on Patents, 1.3.08 [1] and cases cited therein. The purpose of Rule 131 showing "is to establish broadly possession of the invention"; and not "a reduction to practice of the invention as it is claimed, presumably in each and every claim"; In re Spiller, 182 USPQ 614, 618-20 and note 2 (CCPA 1974), citing In re Tanczyn, 146 USPQ 298 (CCPA 1965).

In accord is the decision in <u>In re Hostettler</u>, 356 F.2d, 562, 148 USPQ 514 (CCPA 1966) wherein the court stated, 356 F2d at 565-67,

Rule 131 requires applicant to make oath to facts showing a completion 'of the invention.' That requirement does not mean affiant must show a reduction to practice of every embodiment of the invention. Nor is the requirement coextensive with the amount of disclosure necessary to support a claim under 35 U.S.C. §112."

Conception

Hence, there is ample evidence of conception corroborated by Ms. Dora Stroud (Exhibits B2 and B3); and Ms. Patricia C.A. Satchell (Exhibit B5), the wife of one of the inventors Mr. James A. Satchell, Jr. in their respective declarations under Rule 131.

In addition, the evidence appendix includes as Exhibit B8, the Declaration of one of the coinventors, Mr. James A. Satchell, Jr., dated 8/10/04 which references in paragraph 8 thereof, an
Exhibit A submitted by declarant to The Coca-Cola Company, shortly before the critical date which
papers were corroborated by the signatures of Mrs. Patricia Satchell and Kiwanis L. Satchell,
declarant's wife and mother, respectively. These papers clearly contain a conception of a vending
machine, such as a soda machine, which will give customers of the machine access to the Internet.

Contrary to the Examiner's citation of Mergenthaler v. Schudder, 1897 CD 724, 81 OG1417 (DC Cir. 1897) the following two centuries of patent law and the establishment of patent savvy courts such as the former Court of Customs and Patent Appeals and the Federal Circuit have substantially modified and refined the body of law relating to Rule 131 practice.

In 1974, the Court of Customs and Patent Appeals (whose decisions are binding precedent on the Federal Circuit) ruled in <u>In re Spiller</u>, supra, that "the purpose of the Rule 131 showing is to establish broadly possession of the invention." The heart of the present invention was to provide an apparatus to permit customers of a vending machine, access to the Internet, through a vending machine provided with various ways to connect to the Internet.

Clearly, the appellants' showings, exemplified by the exhibits to and statements of Dora Stroud in her Declaration (Exhibit B2 in the Evidence Appendix) and Supplemental Declaration (Exhibit B3 in the Evidence Appendix) satisfy conception of the invention in accordance with In re Spiller, supra, even though all the details of the apparatus as finally disclosed in the conceded constructive reduction to practice may not have been present in these declarations and exhibits. However, it is to be noted by the Board that the details which are omitted, e.g., the block diagrams of Figs. 4-6 or display screens of Figs. 7-13 are not part of the claimed invention. Thus, the details of these submissions was not essential to the conception of the invention "as claimed."

Moreover, the examiner's insistence that the conception be in the form required of patent applications (ic. compliance with the requirements of 35 USC 112, first paragraph) are inappropriate. Rule 131 showings of "conception" need not comply with the requirements of 35 USC 112, first paragraph. In re Hostettler, 356 F.2d 562, 565 (CCPA 1966).

Diligence

Furthermore, the Declaration and Supplemental Declaration of Eric Robins (Exhibits B6 and B7), an associate with the undersigned's firm, attaching printed documents A-C (Exhibits to his Declaration) obtained from the "pair" page of the United States Patent and Trademark Office, show that the United States Patent and Trademark Office had already received the substitute specification and claims submitted November 8, 1995, a written description of the invention, including the use of the Internet by customers of the vending machine. Thus, the specification, together with the substitute specification, of U.S. serial number 429,583 filed August 17, 1995 (i.e., the parent application) had provided a constructive reduction to practice of the invention well prior to the office action of March 19, 1996.

Appellants submit that such evidence negates the Examiner's requirement for a "showing of diligence in the time period ending March 19, 1996."

However, to the extent the Board disagrees, appellants have submitted several declarations (dated September 18, 1995 (9/18/95)) accounting for the entire period from just prior to Sokal et al until March 19, 1996; See also Declaration of James A. Satchell, Jr. dated 8/10/04 (Exhibit B8) and the Declarations of Mr. James A. Satchell, Jr. and Mr. Johnson A. Asumadu executed March 26, 2005 (Exhibit B9) and May 9, 2005 (Exhibit B10).

These declarations, together with the other evidence of record, established that appellants antedate the Sokal et al reference, having corroborated evidence of both conception prior to the filing date of Sokal et al coupled with due diligence to a constructive reduction to practice with the filing of the '232 application.

The sole remaining objection to a finding of diligence appears to be the Examiner's comment in paragraph 12 of the Office Action of June 28, 2006, alleging that "the time period such as November 14-16 et seq., (1996) have not been accounted for."

This, like the Examiner's previous requirement to have declarant address a single day after a prolonged absence of electricity and devastation caused by Hurricane Opal in 1995, experienced by declarant and his family pose unauthorized and impermissible requirements on appellants to account for every single day in a period of some seven (7) months (October 10, 1995 to May 19, 1996). The burden is not one of continuous, uninterrupted effort, and is not to be construed according to the rules of inference, In re Eickmeyer, 602 F.2d 924 (CCPA 1979). Nor need appellant account for every single day Bey v. Kollonitsch, 231 USPQ 967,970 (Fed Cir 1987), Rines v. Morgan, 116 USPQ 145 (CCPA 1957). Rather, the truth test is "reasonable diligence" and periods of inactivity far greater than the alleged November 14-16 (three days) have not been found to negate diligence; See, e.g., Coursonv. O'Connor et al. (s priority contest) 227 F.890 (7th Cir 1915) which found lack of activity for 17 days constituted "reasonable diligence."

Furthermore, appellants, dispute the Examiner's assertion that the time period of Nov 14-16, 1996 et seq is unaccounted for. Exhibit B8 (Mr. Satchell's Declaration dated August 10, 2004 clearly accounts for this time at paragraph 15 as follows: "The next week, November 13th and 17th, I worked for eight hours on November 13th and November 17th." This statement clearly addresses the "et seq" allegation of the time period subsequent to November 16th. However, declarant continues, "additionally received a November 9, 1995, letter (Exhibit G) from the Coca-Cola Company". That letter alleges that the [Coca-Cola Company] already had "similar activities already underway in this area" and "availability of technology in this area from several sources" motivated

declarant to call the patent administrator, Kathy Driscoll, of the Coca-Cola Company which started declarant's search interest in several sources of other alleged internet/worldwide web vending machine patents.

Thus, rather than reading declarant's statements, the Examiner merely assumed that there was no activity, where declarant clearly was investigating allegations of potential prior art activities, publications, or publically available use which are proper inquiries and activities relating to diligence of Rule 131 declarants.

Accordingly, in accordance with the authority cited above, Sokal et al is not "prior art" and each rejection which relies upon Sokal et al alone, or in combination with other references, fails.

B. <u>Sokal does not teach the claimed limitations, alone or in combination with the secondary references.</u>

Even if Sokal were considered by the Board not to be antedated by the Rule 131 showings, it neither anticipates nor makes obvious, alone or in combination with the secondary references, the claimed invention.

By Sokal's own teachings, "This invention related to a method of providing communications between a plurality of individual users and the internet which method includes providing a plurlaity of stand alone terminals" (Emphasis added), column 1, lines 8-11.

While Bradt et al teaches a conventional vending machine (with no customer access to the Internet, or even a network) the Examiner, utilizing only appellants' specification as a guide, suggests combining the vending machine of Bradt et al with the features of the stand alone terminal of Sokal.

Firstly, Sokal does not contain a "door," and certainly not a retrofit door, as in independent claims 31, 97, 100, 112, 133 nor the manipulative steps of independent claims 127 and 130.

Sokal's apparatus comprises "a secure housing" 20 (column 3, lines 51-53) "which contains all elements of the terminal so as to prevent unauthorized access." Thus, there is neither motivation to combine the terminal features with a vending machine and certainly none to modify the door of a vending machine according to Brandt to include the features of a "stand-alone terminal" as in Sokal.

Even further removed is the manipulative steps of the method claims. For example, independent claim 127 is directed to a method for attracting "greater patronage to a vending machine" by providing access (to the Internet/worldwide web) at least part of which is on the door of the machine. At best, the proposed combination of Bradt and Sokal would put access somewhere on the vending machine cabinet, but nowhere is there motivation to place the access at least partly on the door. In retrospect, it was the idea to make the combination of two old elements, e.g., a vending machine and a stand-alone terminal into one unit that was the inventive spark of appellants' invention. No where has the Examiner identified the motivation to do what appellants have done; Ex parte Levengood, *infra*.

(3) The Kolls Reference

Kolls (U.S. Patent 5,637,845) does not permit customer access to websites as is required by the limitations of the sole claim (claim 130) against which it is applied under 35 U.S.C. §102(e).

While Kolls may permit a credit card authorization to be transmitted via a network, there is no teaching in Kolls that discloses the steps of claim 130 "incorporating an interactive consumer

accessible Internet communication system into the vending machine to permit the customer access to websites." The network communication of Kolls is not of the type claimed. No system exists in Kolls permitting a customer to visit or access "a website." The Examiner's reliance on column 4, lines 27-34 is misplaced.

There it is suggested that "computer operated devices for on-line searching, database searching or printing may be used as a vending machine instead of a copy machine." Neither on-line searching or database searching inherently shows the use of the internet. An "on-line service" is not necessarily a website, nor is access via the internet required to access an "on-line service." Note the patent being reissued uses both terms in its description (e.g. column 2, lines 16-17) in accord with the industry understanding that such terms are <u>not</u> synonymous. See, the contemporaneous publication of February 1996, printed in PCT Computer "Online Superguide," page 120, stating "The sudden popularity of the world wide web has galvanized online services to expand the features and improve the reliability of the client software In general, we found it a bit easier to move around on-line services through Navigator 2.0 on the web, but the web's content is far richer," Exhibit L to declaration of Messrs. Satchell and Asumadu (Exhibit B4).

As the Examiner fails to find a recited limitation of the claims ("an interactive consumer accessible internet communication system") in Kolls, Kolls cannot be an anticipatory reference under 35 U.S.C. §102(e). Despite appellants' invitation to the Examiner to clearly point out the terms "internet" or "websites" in Kolls (penultimate paragraph of Request for Reconsideration After Final Rejection, filed March 31, 2005), the Examiner has failed to do so.

4. Huegel

The Examiner admits (Final Rejection, page 20, paragraph 27) that Huegel "does not specifically mention the term websites." The reference, lacking a limitation of the recited claim, cannot possibly be anticipatory. Nor does the Examiner's allegation that "remote sites of Huegel are obviously, if not inherently, "websites" which, confuses the concepts of inherency and obviousness, and provide evidence of neither anticipation nor obviousness. The authority on this issue is clear. Something that is inherent is not obvious. Kloster Speedsteel AB v. Crucible, Inc., 230 USPQ 81, 88 (Fed. Cir. 1986), stating "Inherency and obviousness are distinct concepts." The inherency rejection must fail because not all "remote sites" are necessarily "websites." Inherency requires inevitability not probability. The fact that a "remote site" may be a "website" does not necessarily mean that such is always the case and, thus, inherency fails under 35 U.S.C. §102. Furthermore, the obviousness (35 USC §103) rejection must also fail. The Examiner has not shown why one of ordinary skill in the art at the time of Huegel (filed February 1991) would find it "obvious" within the sense of 35 U.S.C. §103 to permit customers to access "websites" via the Internet as claimed. This is no teaching, suggestion, or motivation that would impel one skilled in the art to morph the network of Huegel, which is merely a ticket dispensing device networked to a network of location processors equal to a location in which an event is to be held to go beyond local processing and reach websites via the Internet. As the Board has previously stated in Ex parte Levengood, 28 USPQ2d, 1300, 1302 (1993):

That one can *reconstruct* and/or explain the theoretical mechanism of an invention by means of logic and sound scientific reasoning does not afford the basis for an obviousness conclusion unless that logic and reasoning also supplies sufficient impetus to have led one of ordinary skill in the art to combine the teachings of the references to make the claimed invention.

Our reviewing courts have often advised the Patent and Trademark Office that it can satisfy the burden of establishing a *prima facie* case of obviousness only by showing some objective teaching in either the prior art, or knowledge generally available to one of ordinary skill in the art, that "would lead" that individual "to combine the relevant teachings of the references." *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988). *In re Newell*, 891 F.2d 899, 13 USPQ2d 1248 (Fed. Cir. 1989). Accordingly, an examiner cannot establish obviousness by locating references which describe various aspects of a patent applicant's invention without also providing evidence of the motivating force which would impel one skilled in the art to do what the patent applicant has done.

Accordingly, the 103(a) rejection over Huegel must also fail.

5. <u>Lockwood et al.</u>

The newly cited Lockwood et al. applied solely against claim 130 under 35 U.S.C. §102(b) or, alternatively, under 35 U.S.C. §103(a) must also fail. Method claim 130 requires, as the improvement to a vending machine, "incorporating an interactive consumer accessible internet communication system into the vending machine "to permit customer access to websites." While Lockwood et al. is a vending machine, there is absolutely no disclosure of websites or internet access to the same in Lockwood et al. The Examiner's reference, to column 1, line 67 to column 2, line 23, the Abstract, the Figures and claim 8, as well as column 2, line 231 to column 3, lines 4-50, column 4, lines 50-55, column 5, line 32 to column 6, line 66, column 7, line 16 to column 8, line 49, and the claims simply fails to teach the claimed features.

This is admitted by the Examiner that Lockwood does not specifically mention "websites." See, the first full paragraph on page 24 of the Office Action of June 28, 2006. Absent the recited limitation in the reference it, cannot possibly anticipate under 35 USC 102(b). See the discussion above that "inherency" is not a question of probability but inevitability. <u>Kloster Speedsteel</u>, <u>supra</u>.

As with the discussions of inherency and obviousness in Section 4 above, "inherency" requires "inevitability," not "probability." If any other option exists the computer sites of Lockwood et al. cannot "inherently" be websites.

Again, failing to find anticipation, the Examiner merely infers "obviousness" without providing any reasoning therefore.

Furthermore, there must be motivation to establish a *prima facie* case of obviousness, not merely the failure to prove inherency. This the Examiner has not even attempted to address, much less provide the motivation to modify Lockwood, et al. Thus, both rejections under 35 U.S.C. §§102/103 over Lockwood et al. must fail.

6. The Tertiary Reference Brown, Small and Brandes

The tertiary references Brown (cited in combination with Bradht and Sokal) against claims 65 and 70; Small (cited in combination with Bradt and Sokal) against claims 67 and 113; and Brandes (cited in combination with Bradht and Sokal) against claims 109 are nor alleged to, nor do they cure the foregoing deficiencies of Sokal or the combination of Bradt and Sokal.

7. Separate patentability of the dependent claims

(A) Dependent claim 38 recites that the camera generated video signals and the microphone generated audio signals "are recorded alone or in combination with already recorded audio and visual/signals by the mechanism (of claim 37). No such teachings are found in the combination of Bradt and Sokal. While Sokal does teach a camera, such is for carrying out tele-vido conferencing (col 6, 1 35-40), not recording on a mechanism. Thus, there is neither a teaching nor suggestion to do what appellants have done.

- Page 22
 - (B) Dependent claim 39 also requires "at least one audio-video mechanism connected to said computer for recording said audio and video signals". These features, like these of claim 38 above, are simply lacking and without motivation in the combination of Bradt and Sokal.
 - (C) Claims directly or indirectly dependent on the foregoing claim 39 (i.e. claims 40-41) are also allowable by reason of their dependency.
 - (D) Dependent claims 64-79, 98-99, 101-105, 110 and 113 all recite elements of the door for retrofitting an existing vending machine. As Sokal contains a secure cabinet 20, there is no teacjhing or motivation to place the claimed features on the door of Bradt, absent that provided solely by appellants' disclosure.

VIII. Conclusion

The Examiner has not established an improper recapture of surrendered subject matter. In fact, by refusing to apply the three part test of <u>Pannu</u>, or even consider the Board's examples in <u>Examiner has failed to establish the predicate facts to even begin to make the determination necessary for a proper rejection under 35 U.S.C. §251.</u>

Secondly, most of the rejections, save the one relying solely on Kolls, Lockwood or Huegel, are based on a document, Sokal et al, which has been demonstrated to not be "prior art" as to the instant application. The Examiner's mistaken application of "priority," e.g., interference standards and lack of understanding to diligence under Rule 131 is itself clearly erroneous. However, even if such standards were applied, the numerous declarations previously entered and submitted herewith establish that appellants antedate Sokal et al.

Lastly, Kolls, Lockwood and Huegel, by the Examiner's own admission, lack a recited limitation of the claims, and despite appellants unanswered invitation to the Examiner to point out the missing terms of the claims in Kolls, the Examiner persists in an untenable anticipation (35 U.S.C. §102) rejection over Kolls alone. Lockwood and Huegel, like Kolls, is admitted by the Examiner to lack a teaching of "websites" and, thus, fails as an anticipatory reference. Lacking "inherency," the Examiner argues that "websites" would have been "obvious" if not "inherent." Confusing the concepts of inherency and obviousness, the Examiner has not established a *prima facie* case of obviousness. Reversal of all rejections are clearly warranted.

APPENDICES

The following Appendices are attached to and made part of this brief:

Appendix A

Claims on Appeal - Claims involved in the appeal

Appendix B

Evidence - Copies of Evidence submitted pursuant to

§§1.130, 1.131 or 1.132

Appendix C

Related Proceedings (N/A)

Respectfully submitted,

TPP/mat

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Date: November 7, 2006

APPENDIX A

Claims on Appeal

31. A door for retrofitting an existing vending machine for dispensing of at least one item selected by a customer, said door comprising:

a delivery port for dispensing said at least one item selected by a customer to the customer; and

an access portal to the Internet on said door for interaction of the customer with the Internet.

- 32. A vending machine comprising the door of claim 31, said vending machine further including a storage unit for storing said at least one item for selection by a customer.
- 33. The vending machine of claim 32, wherein said door further comprises a dispensing mechanism for dispensing said at least one item.
- 34. The vending machine of claim 32, wherein at least one of a telephone connection, cable, modem, antenna, and satellite dish is provided for interacting with other transmitters and receivers.
- 35. The vending machine of claim 34, wherein the other receiver is capable of receiving and utilizing data.
- 36. The vending machine of claim 32, wherein said selected item is at least one item selected from the group consisting of cans, bottles, hot and cold drinks in cups, sandwiches, candy, combs, money, CD-ROM, diskettes, and laser-discs.

37. The vending machine of claim 32, further comprising:

at least one mechanism selected from the group including data storage unit, programmable audio-video message storage unit, laser-disc, read-write CD-ROM, read only memory recording medium, magnetic media and diskette for storage of data and recording, storage and playback of audio and video signals,

wherein a customer is enabled respectively to upload and download audio and video signals from and to said mechanism to and from websites and home pages, and to send and receive data from and to said mechanism to and from other data transmitters or receivers.

- 38. The vending machine of claim 37, further comprising:

 a camera connected to a computer for generating video signals; and

 a microphone connected to a computer for generating audio signals, wherein said

 microphone generated audio and camera generated video signals are recorded alone or in

 combination with already recorded audio and visual signals by said at least one mechanism.
- 39. The vending machine of claim 32, further comprising:

 a camera connected to a computer for generating video signals;

 a microphone connected to said computer for generating audio signals; and

 at least one audio-video mechanism connected to said computer for recording said audio

 and video signals.
- 40. The vending machine of claim 39, wherein said signals provide a two-way communication via the Internet.
- 41. The vending machine of claim 40, wherein said at least one audio-video mechanism is selected from the group consisting of data storage mechanism, laser-disc, read-write CD-ROM, and diskette, whereby said signals are recorded by said at least one audio-video mechanism and dispensed to the customer.

- 60. The door for retrofitting an existing vending machine of claim 31, further comprising at least one of a telephone connection, cable, modem, antennae and satellite dish.
 - 61. The door of claim 31, further comprising a money delivery port.
 - 62. The vending machine of claim 32, wherein said dispensed item is money.
- 63. The door for retrofitting an existing vending machine of claim 31, wherein said door further comprises means for two-way interactive communications by a customer with the Internet.
- 64. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a video screen.
- 65. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprises speakers.
- 66. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a keypad.
- 67. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a trackball.
- 68. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a camera.
- 69. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a programmable selection panel for selecting websites or

home pages to transmit-receive data, music, video and audio and to provide visual and digital recording functions.

- 70. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a headphone.
- 71. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a microphone.
- 72. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a credit card reader.
- 73. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprising means for displaying pricing information for the Internet.
- 74. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprises a scratch pad memory unit.
- 75. The door for retrofitting an existing vending machine according to claim 31, wherein the door further comprising means to display time left to browse web sites.
- 76. The door for retrofitting an existing vending machine according to claim 31, further including a programmable selection panel for selecting web sites, home pages of web sites, and on-line computer services to provide at least one of data, music or video.
- 77. The door for retrofitting an existing vending machine according to claim 31, further including means to accept input from a customer.

- 78. The door for retrofitting an existing vending machine according to claim 77, wherein a computer is also connected to the means to accept input from a customer.
- 79. The vending machine of claim 32, wherein said vending machine is connected to an Internet service provider by a communication network system which enables two-way multimedia interactive communication with a customer.
- 80. The vending machine of claim 32, further comprising transmitting and receiving network communication means and content uploading and downloading means to and from Internet sites so as to enable communication between a customer and an owner or operator of said vending machine.
- 81. The vending machine of claim 32, further comprising programmable means to connect the machine to a website or homepage of a manufacturer of the item selected.
- 82. The vending machine of claim 32, further comprising programmable means to connect the machine to a web site or homepage of an owner or operator of the vending machine.
- 83. The vending machine of claim 32, further comprising at least one of an audio or a video interface circuit for two-way interactive communication.
- 84. The vending machine of claim 83, wherein the interface circuit for two-way interactive communication is a video interface circuit.
- 85. The vending machine of claim 82, further comprising means to download a communication onto a mobile recording medium.
- 86. The door for retrofitting an existing vending machine according to claim 63, wherein the interactive communications are interactive visual communications.

- 87. The vending machine of claim 32, further comprising a credit card acceptor.
- 88. The vending machine of claim 32, further comprising means for accepting payment.
- 89. The vending machine of claim 88, wherein the payment comprises at least one of coins, bills and credit cards.
- 90. The vending machine of claim 32, further comprising means for accepting visual input.
- 91. The vending machine of claim 90, further comprising means for converting said visual input to digital form.
- 92. The vending machine of claim 91, further comprising a communications network to connect the vending machine to a pre-programmed financial web site.
- 93. The vending machine of claim 92, further comprising means to download information from said financial web site.
 - 94. The vending machine of claim 32, further comprising an amount deposit acceptor.
- 95. The vending machine of claim 37, wherein said programmable audio-video message storage unit comprises at least one of an optical recording medium, a magnetic recording medium, and an electrically eraseable and programmable read-only memory recording medium.
 - 96. The vending machine of claim 32, further comprising a payment control device.

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- 97. A combination of a computer and selector provided on a door for retrofitting an existing vending machine for dispensing at least one item selected for purchase by a customer, wherein said computer is connected to and activated by said selector for connecting said computer to the Internet and conveying information from the Internet to a web site or homepage of a manufacturer of the item purchased, or the web site or homepage of an owner or operator of the vending machine.
- 98. The door for retrofitting an existing vending machine according to claim 31, further comprising at least one of a programmable microprocessor and an interface circuit.
- 99. The door for retrofitting an existing vending machine according to claim 31, further comprising at least one of a digital signal processing unit and an interface circuit.
- 100. A combination of a computer and selector provided on a door for retrofitting an existing vending machine for dispensing at least one item selected by a customer, wherein said computer is connected to and activated by selector device for connecting to a web site or homepage of a web site of an Internet provider.
- 101. The door for retrofitting an existing vending machine of claim 31, further comprising software for browsing the Internet.
- 102. The door for retrofitting an existing vending machine of claim 78, wherein the computer displays a homepage or website, together with information from an Internet provider.
- 103. The vending machine of claim 102, wherein the computer is connected to the Internet provider via the Internet before the item is dispensed.
- 104. The door for retrofitting an existing vending machine of claim 31, further comprising software for connecting a computer with an Internet site.

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- Internet site is selected from the group consisting of an Internet provider, a manufacturer of the item, a vendor of the item, an internet site specified by the customer, an owner of the vending machine, an operator of the vending machine, news web sites, financial web sites, music web sites and an internet site of the property owner where the vending machine is located.
- 106. The vending machine of claim 32, further comprising software for automatically connecting the vending machine to a specific Internet web site.
- 107. The vending machine of claim 106, wherein the specific Internet website transmits and receives at least one of data, audio or video signals.
- 108. The vending machine of claim 32, further comprising means to display advertising when the vending machine is idle.
- 109. The door for retrofitting an existing vending machine of claim 31, further comprising an escutcheon plate and a transparent plastic panel with back lighting to display a logo or trademark of a vendor.
- 110. The door for retrofitting an existing vending machine of claim 31, further comprising an interface to a communication network to access an on-line computer service, wherein said service is capable of transmitting and receiving, via a communication network, a request for service by a customer and a response to said request.
- 111. The vending machine of claim 32, further comprising a transmit-receive circuit connecting the vending machine with other transmitters and receivers.
- 112. A door for retrofitting an existing vending machine for sale of items selected by a customer, said door comprising:

a selector device for selecting one or more of said items for sale by the customer; a payment-control device for receiving and detecting an amount of payment; and a video display screen for providing interactions by the customer with the Internet.

- 113. The door for retrofitting an existing vending machine of claim 31, further comprising a mouse.
- 114. A method of providing a customer with access to the Internet via a vending machine, said method comprising:
 - 1.) providing a vending machine to vend at least one physical item selected by a customer for purchase;
- 2.) said purchase of said at least one item permits the customer to be operatively connectable via the Internet to websites;
- 3.) allowing access to the websites by said customer, said access comprising at least one of inserting money or credit card information into the vending machine and customer input of data to the computer.
 - 115. The method of claim 114, including providing said computer with a modem.
 - 116. The method of claim 114, wherein said access for customer input is a keyboard.
- 117. The method of claim 114, including providing at least one of audio, video and multi-media capabilities associated with the vending machine.
- 118. The method of claim 114, wherein said access to the internet is effected by inserting coin, currency or credit card information into said vending machine.
- 119. The method of claim 114, wherein said access includes providing means for two-way interactive visual communications by a customer with the internet.

- 120. The method of claim 114, further including the step of providing means to allow the customer to download data, audio or video information from the internet and take it away from the vending machine in the form of magnetic or optical storage media.
- 121. The method of claim 114, including providing the vending machine with a camera.
- 122. The method of claim 114, wherein the step of providing said vending machine is in the form of an existing vending machine.
- 123. The method of claim 114, wherein a customer may transmit data on the internet from the customer's own magnetic or optical storage mediums insertable into drives in the vending machine.
- 124. The method of claim 114, where a computer is assembled onto the vending machine and said computer also controls various components of the vending machine, in addition to internet access.
- 125. The method of claim 114, further including providing at least one of telephone, cable or satellite communications on said vending machine.
- 126. The method of claim 114, further including providing a microphone on the vending machine.
- <u>127.</u> <u>A method of attracting greater patronage to a vending machine, said method comprising:</u>

providing a vending machine with a connection to the internet/worldwide web; and

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permitting a customer access to websites on said internet/worldwide web through interaction with said vending machine, wherein at least part of said access is located on a door of the vending machine.

- 129. The method of claim 127, wherein the access displays at least one of informational, entertainment or advertising when a patron is not accessing the internet/worldwide web.
- 130. A method of manufacturing vending machines wherein a vending machine is provided to dispense an article to be purchased by a consumer, the improvement comprising incorporating an interactive consumer accessible internet communication system into the vending machine to permit the customer access to websites.
- 131. The door for retrofitting an existing vending machine according to claim 31, wherein said at least one item selected is a drink.
- 132. The vending machine according to claim 32, wherein said at least one item selected is a drink.
- 133. A door for a vending machine for sale of items selected by a customer, said door comprising:
- a dispensing mechanism for dispensing an item from among a plurality of items stored in a storage unit of said vending machine.

a selector device permitting the customer to select one or more of said items for sale,
a payment-control device capable of receiving and detecting an amount of payment
required for a sale of an item, and

an access portal to the Internet on said door for interaction of the customer with the Internet.

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The door of claim 133, wherein the item selected by the customer is a drink. <u>134.</u>

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<u>APPENDIX B</u> - Evidence

Exhibit B1	-	Supplemental Reissue Declaration dated 8/10/04
Exhibit B2	-	Declaration of Ms. Dora Stroud
Exhibit B3	-	Supplemental Declaration of Ms. Dora Stroud
Exhibit B4	-	Declaration of Mr. James A. Satchell, Jr. and Mr. Johnson A. Asumadu dated April 23 and 25, 2003
Exhibit B5	-	Declaration of Ms. Patricia C.A. Satchell
Exhibit B6	-	Declaration of Eric P. Robins, Esquire
Exhibit B7	-	Supplemental Declaration of Eric P. Robins, Esquire
Exhibit B8	-	Declaration of Mr. James A. Satchell, Jr. dated 8/10/04
Exhibit B9	-	Declaration of Mr. James A. Satchell, Jr. and Mr. Johnson A. Asumadu executed March 26, 2005
Exhibit B10	-	Declaration of Mr. James A. Satchell, Jr. and Mr. Johnson A. Asumadu executed May 9, 2005

APPEAL BRIEF Page 38

<u>APPENDIX C</u> - Related Proceedings

N/A

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APPEAL BRIEF Page 27

U.S. Appl. No. 09/686,626

APPENDIX B - Evidence

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Exhibit B10	•	Declaration of Mr. James A. Satchell, Jr. and Mr. Johnson A.

Asumadu executed May 9, 2005





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In it the Reissue Application of

James A. SATCHELL, Jr. et al

Serial No.: 09/686,626

Filed: October 12, 2000

VENDING MACHINE AND COMPUTER ASSEMBLY For:

SUPPLEMENTAL REISSUE DECLARATION

I, as a below-named inventor, hereby declare that my residence, post office address and citizenship are as stated below adjacent my name, that I verily believe I am an original, first and joint inventor of the invention described and claimed in Letters Patent No. 5,822,216 and in the specification filed September 18, 1996, and for which invention I solicit a reissue patent; that I have reviewed and understand the contents of the specification filed September 18, 1996, including the claims, that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this Reissue Application in accordance with Title 37, Code of Federal Regulations, §1.56(a), and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States prior to filing of Application Serial No. 08/715,232 (from which Patent 5,822,216 issued) by me or my legal representatives or assigns.

I claim the benefit under 35 U.S.C. § 120 of Application Serial No. 08/429,583, filed August 17, 1995, which was copending with this application which matured into U.S. Patent 5,822,216 and which is a continuation-in-part thereof.

ונו: משבושושו

P:3/4

I further declare that I believe said Letters Patent is, through error and without deceptive intent, partly inoperative by reason of our claiming less than we had a right to claim in the patent. Specifically, we did not include any method claims in our aforementioned patent.

This error in too narrowly claiming the invention was discovered only after review of our patent by counsel in negotiating for license(s) under our U.S. Patent 5,822,216 and may be considered to make our patent partly inoperative by claiming less than we had a right to claim.

Every error in the patent which was corrected in the present reissue application, and is not covered by a prior oath/declaration submitted in this application, arose without any deceptive intention on the part of the applicant.

We hereby appoint the following as our attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office:

James E. Ledbetter, Registration No. 28732 Thomas P. Pavelko, Registration No. 31689 Anthony P. Venturino, Registration No. 31674

All correspondence in connection with this application should be sent to:

STEVENS, DAVIS, MILLER & MOSHER, L.L.P. 1615 L Street, N.W., Suite 850 Washington, D.C. 20036 Telephone: (202) 785-0100

Facsimile: (202) 408-5200 or (202) 408-5088

PB . 4

Asumadu

P.8

We, as undersigned inventors, further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the reissue application or of any reissue patent to issue thereon.

08/10/04 Date

Residence: Tuskegee, Alabama

Citizenship: United States

Post Office Address: 1490 County Road 36, Tuskegee, Alabama 36083

08/10/04

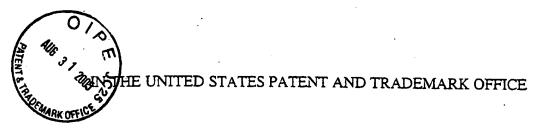
Date

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In re the Reissue Application of

Inventors: James A. SATCHELL, Jr. et al

Original U.S. Patent No. 5,822,216, issued October 13, 1998

Reissue Application Serial No.: 09/686,626

Group Art Unit: 2121

Reissue Application Filing Date: October 12, 2000

Examiner: S. Garland

VENDING MACHINE AND COMPUTER ASSEMBLY

DECLARATION OF DORA STROUD

I, Dora Stroud, am over the age of twenty one years, and if called to testify would be fully competent to testify on the following matters based upon personal knowledge:

- 1. My current address is 4220 S. Capitol Street, S.E., Apartment 103, Washington, D.C. 20032.
- 2. I was an employee of the United States Patent and Trademark Office from 1970 until my retirement in 2000, my last position being Supervisor, Customer Service, Intake of Patent Applications.
- I am familiar with the patent application attached as Serial Number 08/429,583 3. (hereinafter the "'583 application"), recognizing my signature contained therein, and recall numerous conversations with James A. Satchell, Jr. the applicant of the aforementioned '583 application.
- I recall that Mr. Satchell was applying for his patent application pro se and it was 4. part of my duties at the time to assist pro se applicants in filing their patent applications.

- Mr. Satchell's deposit of his patent application with the United States Patent and Trademark Office on April 27, 1995, was not given a filing date because the application did not include at least one claim as noted in the Notice of Incomplete Application mailed to Mr. Satchell on May 24, 1995.
- 6. It was shortly after that mailing on May 24, 1995, that I had discussions with Mr. Satchell in my capacity of assisting pro se applicants.
- 7. I specifically recall discussions with Mr. Satchell concerning his invention for providing patrons or customers of vending machines with internet/worldwide web access, by including in said vending machine a public access to the internet/worldwide web with a vending machine door which included a video screen and selector mechanism to access websites and other internet/worldwide web information.
- I specifically recall the details of my conversations because I made notes of them in my efforts to assist the <u>pro se</u> applicant, Mr. Satchell.
- 9. The notes I made I left with the United States Patent and Trademark Office upon my retirement.
- 10. I have reviewed the amended specification date stamped December 26, 1995, in the aforementioned '583 application and state that prior to the filing of that substitute specification, Mr. Satchell conveyed that information to me concerning his use of vending machines to access the internet/worldwide web.

Further, declarant sayeth not.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the reissue application or of any reissue patent to issue thereon.

Date

Residence: Washington, D.C.

Citizenship: United States

Post Office Address: 4220 S. Capitol Street, S.E., Apartment 103, Washington, D.C. 20032

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PATENT APPLICATION SERIAL NO. 18489583

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SER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR
PAGE #3

- 1) MOTION DETECTOR: This censoring device serves as a trigger, for count-down to a Winner. When an individual passes this machine, it decreases from the owner's preset number to 0. (This machine can be preset to count a certain amount of people between each purchase, to eliminate a consistent trigger count-down. Also it can be set on a desired start-off number.) The winning number also activates the Celebration Motion Lights, the release of a free soda, and a free musical-cassette.
- 2) VIDEO SCREEN: The screen has three service functions #1) The primary function of this screen is to service the Selection Panel's video needs. One function of the screen is to receive video from a laser-disc player. All materials (music-video) on laser-disc can be called-up from the Selection Panel to be viewed by potential Customers and Spectators.
 - 2) The second function of the screen is to provide video for the machine's Satellite Receiver. The Customer who has no music interest can view live up-dated News from CNN, or a new Cola News Network which transmits News, Sports, and upcoming 96'Summer Olympic Games to it's own machines.
 - 3) The third function of the Video Screen is to provide video for the camera, with a instant playback system. This system allows the customer to see their own street U-SING-ALONG performance.
- 3) SPEAKERS: The function of the speakers on this machine is to provide audio for all video, laser-disc, satellite transmitted material, U-SING-ALONG recorded-playback, and sound effects for celebration lights.
- 4) CELEBRATION MOTION LIGHTS: These lights are triggered by the final count-down number 0. First, a signal is sent to the top rotating lights, then to the moving Logo bottom neon-tube lights. The entire machine simultaneously celebrates the Winner with a display of lights, also with a soda-companies slogan musical video. The winner is awarded a free soda, and a free musical-cassette. (suggested-design; Logo of soda-company is to be placed into a transparent rectangular glass container, with neon, or moving celebration lights. This lighting effect placed in a glass housing creates a three-dimensional appearance of the companies Logo.)

- 5) SATELLITE ANTENNA: This satellite receiver antenna is the already designed type, and the same installation manual applies. A smaller type can be mounted on top of the machine. Or, a different type antenna can be mounted on top of a building, with a coaxial cable running from the antenna, to the satellite receiver, to the machine.
- 6) DIGITAL COUNTER/ A WINNER: This Counter is preset at a desire number, then it counts backwards to #0. When the counter reaches the number 0, it triggers the other systems to perform their assignments. Again, these assignments are; activation of the free soda release, the starting of the Celebration Motion Lights, and the release of one musical-cassette. The Digital Counter/ A Winner, depends on the data received from the Motion Detector.
- 7) SELECTION PANEL: This computer-linked controlled Panel serves as a function command center, which tells the machine it requested function. Along with the standard Soda-Selector, Bill Changer, Coin Receiver, Change Release This Machine's Selection Panel has three additional functions; (Three attachable components)
 - A) The Musical Selection Function; (Laser-Disc-Player)
 This function commands the Laser-Disc Player.
 (These laser-disc are produced by the sodacompany. They are distributed along with replaceable updated front selection cover on the regular distribution system.)
 A customer can select a certain Recording Artist for a 30 second musical video preview Also a number of soda company commercials can be previewed at a preset time.
 - B) The News Section Function; (Satellite Receiver)
 The News Section of this Panel operates at
 the press of it's key pad. The control
 memory gives a command to the Satellite
 receiver. A Customer then can observe 30
 seconds of a Satellite (Live) News Broadcast.
 - C) The U-SING-ALONG Section Function; (VCR Recorder)
 The U-SING-ALONG operates on a keypad based
 multi-panel, with a record/playback system.
 The machine's camera/microphone system records
 the Customer singing a selected song off the
 Laser-disc Panel, (Performer sings video first
 then, the machine playsback the same music with
 a Q-beep for the Customer to sing.) The VCR
 designed with a digital-tape-stripping device,
 (VCR that digitally codes tape, for precise
 reference.) along with the machine's housed
 camera/microphone records the Customer trying

version of the video. This Live, one shot 30 second street audition can be playedback once, then stored to be reviewed by officials for a series of soda T.V. commercials.

- 8) CASSETTE DISPENSER: This dispenser awards Winners musical cassettes from the participating Recording-Artist. It is triggered by the Digital Counter/ A Winner.
- 9)CAMERA SYSTEMS: The camera systems serves two purposes:
 #1) The primary function of the camera is to record the
 performances of the Customers. To capture to expres
 sions of the Winning Customer for T.V. commercial use.
 Also, to create a more direct relationship with customers.
 - #2) The secondary function of this camera is an optional feature. It can be used as a surveillance camera which supplies recorded video to other security equipment.
 - 10) I.ASER-DISC PLAYER: Of the regular type; The Soda Company would contact a certain audio manufacturer, (Sony,RCA, Pioneer etc.) to request a specially designed Laser Disc Player, that can be controlled from a cabled Data Controlled Unit from the Drink Machine Door.
 - 11) SATELLITE RECEIVER: Of the regular type; (same request can be controlled by a Data Controlled Unit, from Door.
 - 12) DIGITAL VCR PLAYER: This special type video/audio recorder, has a precise video/audio digital tape stripping system which relocate tape on a number, therefore precision on requested rewind/playback. (Note: The Laser-Disc which contains prerecorded material from the Artist, are recorded with double tracks. The first track has the sound-track and video of the professional Artist performance, and is transferred from laser-disc to screen. The second track, has an instrumental track of the same Artist music. When the Q-1,2,3 light ends, the customer starts singing the lyric which appears across the screen. This performance is recorded by mic/cam-to VCR; Laser-Disc instrumental to VCR. This VCR recording can be Rewound for one spectator's review, then stored for company promotional use.
 - 13) DATA CONTROL UNIT: The DCU is the brain, command module that controls instructional data between the Selectional Panel, and the Laser-Disc, Satellite Receiver, Digital VCR Player. It uses coaxial cables to make connections to internal and external sources.

DESIGNED: 4/20/95 DESIGNER'. X James a. Satehellon.

Page #6

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will Enter the Soda-Machine into the Entertainment World. Other existing Drink Machine illuminated facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
 - 3) Satellite receiver antenna 4) Cameras
 - 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Digital Counters

I Dames 1. Satallan, claim this combination Entertainment package design as a replacement door for existing soda machines. On this day $\frac{6/1}{95}$

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As a below named inventor, I he. DE316NER OF TH My residence, post office address				•
t believe I am the original, first and	d sole inventor (if only one na	me is listed below) or (an original, fii	rst and joint inventor (if olura
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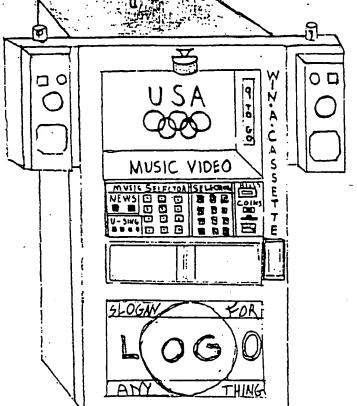
DRINK MACHINE DOOR)

PAGE 1



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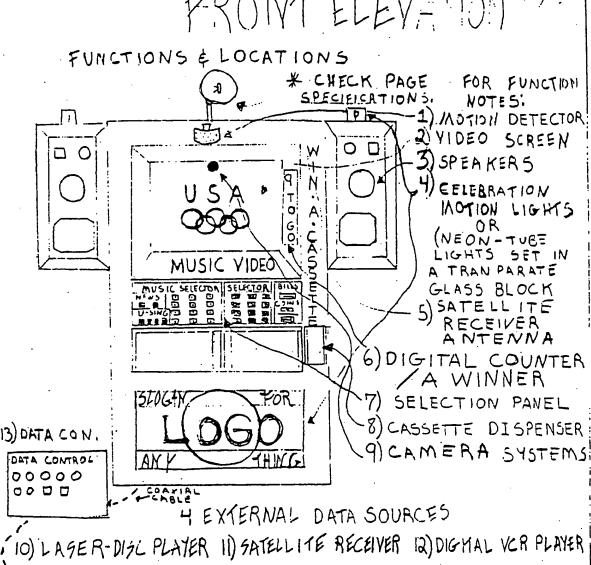
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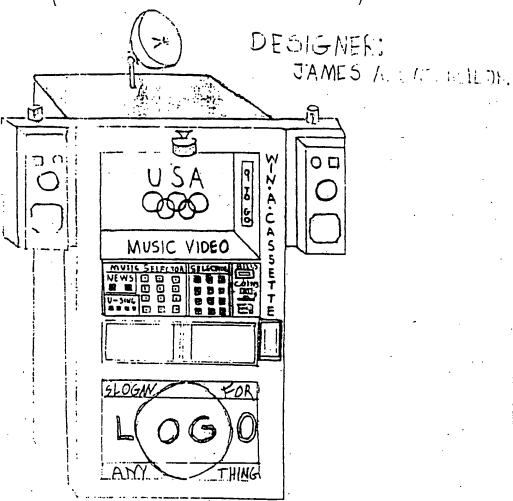
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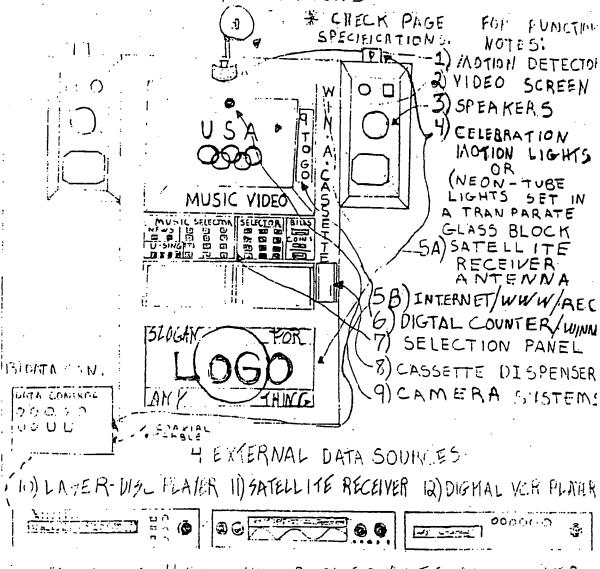
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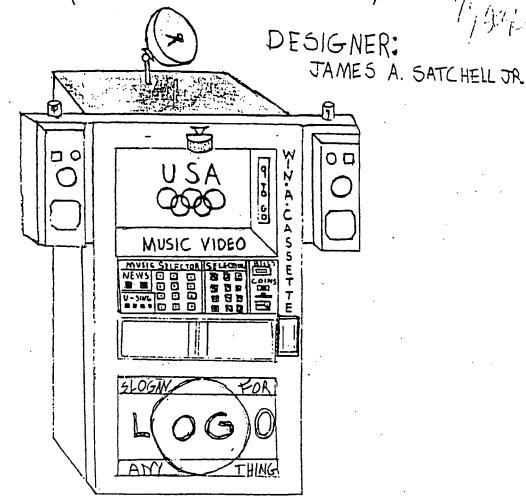
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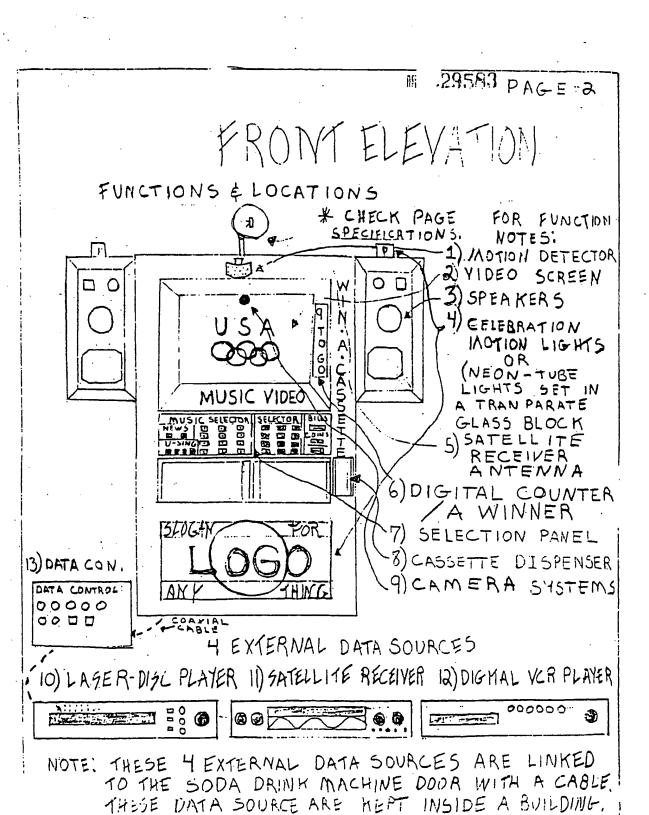
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LAFER-DISC MUSIC VIDEO DIGITAL (DRINK MACHINE DOOR)

PAGE 1



ISOMETRIC DRAWING



Åpplication or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD 21. Effective October 1, 1994 0 中基础际任 **CLAIMS AS FILED - PART I** OTHER THAN (Column 1) SMALLTENTITY OR. SMALL ENTITY (Column 2) FOR NUMBER FILED LAND NO FEE FEÈ ÷. . . BASIC FEE 730.00 OR! 11 11 11 **TOTAL CLAIMS** 500 On ∰. C eunim INDEPENDENT CLAIMS ** OR .x76= MULTIPLE DEPENDENT CLAIM PRESENT 1 - 32 1 +240= OR 4 H. 41 22 TOTAL - 1982 2(t. ~) OTHER THAN CLAIMS AS AMENDED PART II (Column 1) SMALL ENTITY CLAIMS ... A HIGHEST BINUMBER PREVIOUSIV HATE: ADDITION AND THE PROPERTY OF T is Cons YAFTER 6 の発性を行うで AMENDMENT 교 ENDM Total ... : 水是基礎 independent AM FIRST PRESENTATION OF MULTIPLE DEPENDENTICIAIM 7240= (Column 1) se PRESENTA EXTRA HIGHEST & PREVIOUSLY ·CLAIMS 4 ADDIE TIONAL FEELIN (,42) ADDI REMAINING • AFTER 7 ex t ENT RATE TIONAL AMENDMENT PAID FOR FEE *** ٧. AMENDM · . . Minus Xs](E) Total ×. ; OR x\$22= 10 X38 € Independent OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ç : OR +240= OR ADDIT. FEE (Column 1) HIGHESTAN NUMBER PREVIOUSLY PAID FOR CLAIMS : ADDIA TONAL FEER REMAINING -ADDI-AFTER 14 TIONAL **AMENDMENT** AMENDMENT 4 FEE Total - . . . 1 x\$22= OR OR E TO **∠(3**): Independent x76= FIRST PRESENTATION OF MULTIPLE DEPENDENTICIALME 0718197 -24 (1) #i20= +240= If the entry in column 1 is less than the entry in column 2, write 10 in column 1.

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UNITED STATES DEPAN. MENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Weshington, D.C. 20231

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		g joint inventor(s) is missing from the nath An oath or declaration signed by the omitt Application Number and Receipt Date; is	-d:
7.1.1 A \$ (37 CFR 1	.21(m)).	ssing fee is required since your check was	returned without paymont.
B. Cl. The applic Sequence	ation does not comp Rules 37 CFR 1.82	ply with the Sequence Rules. See attached 1-1.825.	d Notice To Comply with
9. Cl Other:			
Direct the respo Special Processi	nse and any quest ng and Correspond	ions about this notice to, Attention: Appli dence Branch.	cation Processing Division,
A copy of	this notice <u>N</u>	MUST be returned with the	response.
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Application Processing Division (703) 308-1202



UNITED STATES DEMARTMENT OF COMMERCI Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

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APPLICATION HUMBER	RECEIPT DATE -	FIRST NAMED APPL		ATTY, DOCKET NO.
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A filing date h	as NOT been assig	gned to the above identified a	pplication papers for	the reason(s) show
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A complete s	pecification in cor	mpliance with 35 U.S.C. 11	2 is required.	
2. [] A drawi 35 U.S.(described in the spe	cification is required	in compliance wit
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	entor's name(s) is CFR 1.41.	missing. The full names of	all inventors are requ	uired in complianc
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of the date of	this notice or the	nless otherwise indicated, m application will be returned inded less a \$han	or otherwise dispose	d of. Any fee which
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Direct the res	sponse and any que Processing Division	estions about this notice to, on, Special Processing and C	Attention: Correspondence Bran	ch.
A copy of	f this notice	<u>MUST</u> be returned	with the resp	onse.

Copy of a patent to assist applicant in making corrections.

"Notice to File Missing Parts of Application," Form PTO-1532.

Other:

Other

171 "General Information Concerning Patents." See page _

Application Processing Division

(703) 308-1202

Enclosed:







UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS Weshington, O.C. 20231

APPLICATION NUMBER	RECEIPT DATE	l '	FIRST NAMED APPLICANT	-	ATTY, DOCKET NO JULE

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DATE MAILED:

NOTICE TO FILE MISSING PARTS OF APPLICATION
NO FILING DATE
(Enclosure to Form PTO-1123)
Required items 1-9 below SHOULD be filed, with any items required on the "Notice of Incomplete Application" enclosed with this form. The filing date of this application will be the date of receipt of the items required on the "Notice of Incomplete Application." [Litems 1 and 3-6 below are submitted after the filing date, THE PAYMENT OF A SURCHARGE OF \$ / / / / / large entities or \$ / / for small entities who have filed a verified statement 37 CFR 1.27 claiming such status will also be required. (37 CFR 1.16(e)).
The total amount owed by applicant as a large entity semall entity (verified statement filed) is \$
1. □ The statutory basic filing fee is: □ missing □ insufficient. Applicant as a □ large entity □ small entity must submit \$ to complete the basic filing fee.
2. (Additional claim fees of \$ as a large entity, small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
3. The oath or declaration:
is missing.
Adoes not cover items required on "Notice of Incomplete Application."
An oath or declaration in compliance with 37 CFR 1.63, referring to the above Application
Number and Receipt Date, is required.

- 4. The nath or declaration does not identify the application to which it applies. An oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Receipt Date, is required.
- 5.UI The signature(s) to the nath or declaration is/are:

 missing;

 my a person other than the inventor or a person qualified under 37 CFR 1.42, 1.43, or 1.47. A properly signed oath or declaration in compliance with 37 CFR 1.63, referring to the above Application Number and Receipt Date, is required.
- 6.4 The signature of the following joint inventor(s) is missing from the eath or declaration:

 _______. An eath or declaration signed by the omitted inventor(s), identifying this application by the above Application Number and Receipt Date, is required.
- processing fee is required since your check was returned without payment. (37 CFR 1.21(m)).
- 8.C.) The application does not comply with the Sequence Rules. See attached Notice To Comply with Sequence Rules 37 CFR 1.821-1.825.
- 9. D Other:

Direct the response and any questions about this notice to, Attention: Application Processing Division, Special Processing and Correspondence Branch.

A copy of this notice <u>MUST</u> be returned with the response.

Application Processing Division

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UNITED STATES DEPARTMENT OF CONSINERCE Patent and Trademark Office

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NOTICE	OF INCOMPLETE	EAPPLICATION	
A filing date has NOT been assigned below.	d to the above identific	ed application papers for	the reason(s) shown
154 The specification (description	on and claims):		
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h. [] has pages m c. [] does not include a wri	nissing itten description of th	a invention	
does not include at lea	ast one claim in comp	pliance with 35 U.S.C. I	12.
A complete specification in compl	liance with 35 U.S.C.	112 is required.	
2.11 A drawing of Figure(s) 35 U.S.C. 111.	described in the	specification is required	in compliance with
3.11 A drawing of applicant's investiblect matter of the invention	ention is required sinc on in compliance with	e it is necessary for the a 35 U.S.C. 113.	understanding of the
4. ! The inventor's name(s) is mis with 37 CFR 1.41.	ssing. The full names	of all inventors are req	uired in compliance
5. i. l Other:			·
All of the above-noted items, unless of the date of this notice or the app has been submitted will be refunde	dication will be return	ned or otherwise dispose	d of, Any fee which
The filing date will be the date of reassertions that the items required a be by a petition directed to the at accompanied by the \$\frac{1}{2} \text{pet} is complete, a request for refund o	above were submitted tention of the Office tition fee (37 CFR 1.17	, or are not necessary for the Assistant Comm ((h)). If the petition state	or a filing date, must pissioner for Patents s that the application
Direct the response and any questi Application Processing Division,			≟ ich.
A copy of this notice M	<u>UST</u> be returne	ed with the resp	onse.
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Application Processing Division (703) 306-1202

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i acknowledge the duty to disclos	e information which is material to patentabilit	y as defined in Title :	17, Code of Federal
Regulations, § 1.56.			
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FIRST NAMED APPLICANT

APPLICATION NUMBER





ATTY, DOCKET NO.

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

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ļ	JAMES A SATCHELL JR 1490-COUNTY ROAD 36 TUSKEGEE AL 36063	0222/0524		
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	NOT	TICE OF INCOMPLET	E APPLICATION	100
	A filing date has NOT been ass below.	signed to the above identifi	ed application papers for	the reason(s) shown
·.	cdoes not include	ription and claims):missing a written description of the at least one claim in comp	ne invention. pliance with 35 U.S.C. 1	12.
•	A complete specification in c	ompliance with 35 U.S.C.	. 112 is required.	
	2. A drawing of Figure(s) _ 35 U.S.C. 111	described in the	specification is required	in compliance with
•	3. A drawing of applicant's subject matter of the inv	s invention is required sind ention in compliance with	e it is necessary for the u	nderstanding of the
	4. [] The inventor's name(s) with 37 CFR 1.41.	is missing. The full name:	of all inventors are requ	ired in compliance
	5. Other:			
	All of the above-noted items, of the date of this notice or the has been submitted will be re	e application will be retur	ned or otherwise dispose	d of. Any fee which
	The filing date will be the date assertions that the items required by a petition directed to accompanied by the \$\frac{1}{2} is complete, a request for reference.	ired above were submitted the attention of the Office petition fee (37 CFR 1.1	i, or are not necessary for of the Assistant Comm 7(h)). If the petition states	r a filing date, must issioner for Patents sthat the application

Direct the response and any questions about this notice to, Attention:
Application Processing Division, Special Processing and Correspondence Branch.

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Page #6

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will inter the Soda-Machine into the Entertainment World. Other existing Drink Machine illuminated facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Digital Counters

I Mmen a Datroll M., claim this combination Entertainment package design as a replacement door for existing soda machines. On this day 05/26/95.

1-ST COPY) 05/26/95 [2ND COPY] 8/17/95 FAX NEEDED

NOTE: I MAILED THIS CLAIM ON

05/26/95 BACK TO THE U.S.D. OFC. PATENT & TRADEMARK, YOU SAY IT'S NOT THRE. PLEASE PLACE THIS ONE PROPERLY.

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THE MODIFICATIONSY AMENAMENTS, AMO SUPPLEMENTS CONTAINING ADDITIONAL SUBJECT MATTER, WITH THE REST OF MY APPLICATION.

> JAMES A. SATCHEZL JR 1490 COUNTY RD36 TUSKEGEE AL. 36083

APPLICATION NUMBER 08/429, 58 FILING DATE 08/17/95

TITLE;

LASER - DISC MUSIC VIDEO DIGITA DRINK MACHINE DOOR

LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR
APPLICATION #08/429,583 FILING DATE 08/17/95 PAGE #3
SPECIFICATIONS:

- MOTION DETECTOR: This censoring device serves as a trigger, for count-down to a Winner. When an individual passes this machine, it decreases from the owner's preset number to 0. (This machine can be preset to count a certain amount of people between each purchase, to eliminate a consistent trigger count-down. Also it can be set on a desired start-off number.) The winning number also activates the Celebration Motion Lights, the release of a free soda, and a free musical-cassette.
 - 2) VIDEO SCREEN: The screen has three service functions #1) The primary function of this screen is to service the Selection Panel's video needs. One function of the screen is to receive video from a laser-disc player. All materials (music-video) on laser-disc can be called-up from the Selection Panel to be viewed by potential Customers and Spectators.
 - 2) The second function of the screen is to provide video for the machine's Satellite Receiver. The Customer who has no music interest can view live up-dated News from CNN, or a new Cola News Network which transmits News, Sports, and upcoming 96'Summer Olympic Games to it's own machines. Screen receives all signals from Web-Sites transmitions over the internet/W.W.Web.
 - 3) The third function of the Video Screen is to provide video for the camera, with a instant playback system. This system allows the customer to see their own street U-SING-ALONG performance.
 - 3) SPEAKERS: The function of the speakers on this machine is to provide audio for all video, laser-disc, satellite transmitted material, U-SING-ALONG recorded-playback, stereo sound from internet/W.W.Wed Transmitions, and sound effects for the celebration.
 - 4) CELEBRATION MOTION LIGHTS: These lights are triggered by the final count-down number 0. First, a signal is sent to the top rotating lights, then to the moving Logo bottom neon-tube lights. The entire machine simultaneously celebrates the Winner with a display of lights, also with a soda-companies slogan musical video. The winner is awarded a free soda, and a free musical-cassette. (suggested--design; Logo of soda-company is to be placed into a transparent rectangular glass container, with neon, or moving celebration lights. This lighting effect placed in a glass housing creates a three-dimensional appearance of the companies Logo.)

- 5) A)SATELLITE ANTENNA: This satellite receiver antenna is the already designed type, and the same installation manual applies. A smaller type can be mounted on top of the machine. Or, a different type antenna can be mounted on top of a building, with a coaxial cable running from the antenna, to the satellite receiver, to the machine.
- B)INTERNET/WORLD WIDE WEB RECEPTACLE: Connection point.

 6) DIGITAL COUNTER/ A WINNER: This Counter is preset at a desire number, then it counts backwards to #0. When the counter reaches the number 0, it triggers the other systems to perform their assignments. Again, these assignments are; activation of the free soda release, the starting of the Celebration Motion Lights, and the release of one musical-cassette. The Digital Counter/ A Winner, depends on the data received from the Motion Detector.
 - 7) SELECTION PANEL: This computer-linked controlled Panel serves as a function command center, which tells the machine it requested function. Along with the standard Soda-Selector, Bill Changer, Coin Receiver, Change Release This Machine's Selection Panel has three additional functions; (Three attachable components) A) The Musical Selection Function; (Laser-Disc-Player)
 - This function commands the Laser-Disc Player.

 (These laser-disc are produced by the sodacompany. They are distributed along with replaceable updated front selection cover on the regular distribution system.)

 A customer can select a certain Recording Artist for a 30 second musical video preview Also a number of soda company commercials can be previewed at a preset time.
 - B) The News Section Function; (Satellite Receiver)
 The News Section of this Panel operates at
 the press of it's key pad. The control
 memory gives a command to the Satellite
 receiver. A Customer then can observe 30
 seconds of a Satellite (Live) News Broadcast.
 (Internet/World Wide Web) News; key pad, calls
 C) The U-SING-ALONG Section Function; (VCR Recorder)
 - The U-SING-ALONG operates on a keypad based multi-panel, with a record/playback system. The machine's camera/microphone system records the Customer singing a selected song off the Laser-disc Panel, (Performer sings video first then, the machine playsback the same music with a Q-beep for the Customer to sing.) The VCR designed with a digital-tape-stripping device, (VCR that digitally codes tape, for precise reference.) along with the machine's housed camera/microphone records the Customer trying to sing the Artist video, creating a Customer's

- APPICATION #08/429/583 FILING DATE 08/17/95

 version of the video. This Live, one shot
 30 second street audition can be playedback
 once, then stored to be reviewed by officials
 for a series of soda T.V. commercials.
- 8)CASSETTE DISPENSER: This dispenser awards Winners musical cassettes from the participating Recording-Artist. It is triggered by the Digital Counter/ A Winner.
- 9)CAMERA SYSTEMS: The camera systems serves two purposes: #1) The primary function of the camera is to record the performances of the Customers. To capture to expres sions of the Winning Customer for T.V. commercial use. Also, to create a more direct relationship with customers.
 - #2) The secondary function of this camera is an optional feature. It can be used as a surveillance camera which supplies recorded video to other security equipment.
- 10) LASER-DISC PLAYER: Of the regular type; The Soda Company would contact a certain audio manufacturer, (Sony,RCA, Pioneer etc.) to request a specially designed Laser Disc Player, that can be controlled from a cabled Data Controlled Unit from the Drink Machine Door.
- 11) SATELLITE RECEIVER: Of the regular type; (same request can be controlled by a Data Controlled Unit, from Door.
- 12) DIGITAL VCR PLAYER: This special type video/audio recorder, has a precise video/audio digital tape stripping system which relocate tape on a number, therefore precision on requested rewind/playback. (Note: The Laser-Disc which contains prerecorded material from the Artist, are recorded with double tracks. The first track has the sound-track and video of the professional Artist performance, and is transferred from laser-disc to screen. The second track, has an instrumental track of the same Artist music. When the Q-1,2,3 light ends, the customer starts singing the lyric which appears across the screen. This performance is recorded by mic/cam-to VCR; Laser-Disc instrumental to VCR. This VCR recording can be Rewound for one spectator's review, then stored for company promotional use.
- 13) DATA CONTROL UNIT: The DCU is the brain, command module that controls instructional data between the Selectional Panel, and the Laser-Disc, Satellite Receiver, Digital VCR Player. It uses coaxial cables to make connections to internal and external sources.

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Page #5a

"14) DCU & The Internet/World Wide Web: The Data Control Unit has compatible systems built within the unit to operate regular computer functions that will allow adaptability to computer commands from Web Sites which allow other progresses to be transmitted to the machine's doors.

Large chain stores can set-up Web Sites which transmitts various types of advertising to it's stores; Example: You pull open the door at a Walmart, K-mart, etc., there you see these new type vending-machine along with the rest of Video games, you are stopped by a vending machine that has audio/video on the door of the machine. The audio/video, welcome's you to the Store along with Total show-off of it's sale items, as well as store inventory Set-ups. Smaller Business can set-up Web-Sites too, but Individualized Disc can be cheaper. This information can come from the Web-Site of the Company, or a Laser Disc.

Live News Reports can be viewed just about anywhere one of these machines can be set-up. On the street, Bus, Train Stations, Airports, Offices, Hospitals, etc.

Putting, The World Wide Web/Internet systems to work in public places, Delivering most advantages of the PC, on a "LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR".

15) INDIVIDUALIZED BUSINESS ADVERTISING DISC: These personalized disc allows for businesses to showcase their business activities along with the product Manufacturer on the vending machine door. This may encourage businesses to put a machine on location, for self-on-location audio/video advertising.

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Page #6

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will inter net/world wide wed, most types of vending machines, and the Soda-Machine Door into the entertainment/advertisement World. Soda-machine doors with still facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Adaptors for Internet/ World Wide Wed reception to Door.

World Wide Wed reception to Door.

I have a solution of claim this combination Entertainment package design as a replacement door for existing soda machines. On this day 05/36/5

I Chronic (marked 1%/01/95, under 37 CFR 5.15(a) subsequently (make modifications, amendments, and supplements containing additional subject matter to, or divisions of,...). I claim this combination Entertainment/Advertisement package design as a replacement Door, for some, and a Primary Door for others, for these general public, entertaining, informational, Futuristic "On-Line" Billboard Vending Machine Doors. On this Day 1/9/95...



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Weshington, D.C. 20231

SERIAL NUMBER FILING DATE	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.
08/429.583 08/17/9	S SATCHELL	J	
			EXAMINER
••••	F1M1/0319	SKAGGS	JR.H
JAMES A SATCHELL JR	,	ART UNIT	PAPER NUMBER
1490 COUNTY ROAD 36 TUSKEGEE AL 36083	•		4
•		- 3101	• •
•		DATE MAILED:	Auto da milionia
This is a communication from the examiner COMMISSIONER OF PATENTS AND TRA	in charge of your application. DEMARKS		03/19/96
This application has been examined	Responsive to communication filed on		This action is made final.
A shonened statutory period for response t Faiture to respond within the period for res	o this action is set to expire month(s) ponse will cause the application to become abando	days coned. 35 U.S.C. 13	from the date of this letter.
Part I THE FOLLOWING ATTACHMENT	r(S) ARE PART OF THIS ACTION:		
Notice of References Clied by I Notice of Art Clied by Applicant 1. Notice of Art Clied by Applicant	, PTO-1449. 4. No		Patent Drawing Review, PTO-948. ant Application, PTO-152.
5. Intermation on How to Effect D	rawing Changes, PTO-1474 6		
Pert II SUMMARY OF ACTION			•
. [7] oui			are pending in the application
1. Claims			
a Claums	·		are allowed.
4. 🔀 Claims			are rejected.
S. Claims			are objected to.
· ·			nction or election requirement.
7. This application has been filed w	ith informal drawings under 37 C.F.R. 1.85 which a	are acceptable for e	ramination purposes.
8. Formal drawings are required in	response to this Office action.		
9. The corrected or substitute draw are acceptable: not acceptable.	rings have been received on stable (see explanation or Notice of Draftsman's Pa	Under Blent Drawing Revie	37 C F.R. 1.84 these drawings w. PTO-948).
10. The proposed additional or sub- examiner; disapproved by the	stitute cheet(s) of drawings, filed on ne examiner (see explanation).	has (have) be	en approved by the
	n, filed, has been Q ap		
Deen filed in parent applicati	ne claim for priority under 35 U.S.C. 119. The centon, serial no; fled on		- ·
13. Since this application apppears accordance with the practice un	to be in condition for allowance excapt for formal rinder Ex pane Quayle, 1935 C.D. 11: 453 O.G. 213	matters, prosecution	as to the merits is closed in
14 Cither			

Art Unit: 3101

Part III DETAILED ACTION

Specification

- 1. This application does not contain an Abstract of the Disclosure as required by 37 C.F.R. § 1.72(b). An Abstract on a separate sheet is required.
- 2. Applicant is reminded of the proper language and format of an Abstract of the Disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 250 words. It is important that the abstract nor exceed 250 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said", should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

3. This application is informal in the arrangement of the specification.

The following guidelines illustrate the preferred layout and content for patent applications. These guidelines are suggested for the applicant's use.

- 4. Applicant is advised as to how to arrange the content of the specification.
- (a) Title of the Invention. The title of the invention should be placed at the top of the first page of the specification.

- 3-

Serial Number: 08/429583

Art Unit: 3101

It should be brief but technically accurate and descriptive, preterably from two to seven words.

(b) Cross-References to Related Applications: if applicable.

(ii) Statement as to Rights to inventions made under Federally sponsored research and development: (if any).

(d) Background of the Invention: The specification should set forth the Background of the Invention in two parts:

(1) Field of the Invention: A statement of the field of and to which the invention pertains. This statement may include a paraphrasing of the applicable U.S. patent classification definitions or the subject matter of the claimed invention. This item may also be titled "Technical Field."

(2) Description of the Prior Art: A description of the prior art known to the applicant and including, if applicable, references to specific prior art problems which are solved by the applicant's invention. This item may also be titled "Background Art."

(e) Summary: A brief summary or general statement of the invention is separate and distinct from the abstract and is directed toward the invention rather than the disclosure as a whole. The summary may point out the advantages of the invention or how it solves problems previously existent in the prior art (and preferably indicated in the Background of the Invention). In chemical cases, it should point out in general terms the utility of the invention. If possible, the nature and gist of the invention or the inventive concept should be set forth. Objects of the invention should be treated briefly and only to the extent that they contribute to an understanding of the invention.

f) Brief Description of the Drawing(s): A reference to and brief description of the drawing(s) as set forth in 37 C.F.R. § 1.74.

Description of the Preferred Embodiment(s): A description of the preferred embodiment(s) of the invention as required in 37 C.F.R. § 1.71. The description should be as short and specific as is necessary to describe the invention adequately and accurately. This item may also be titled "Best Mode for Carrying Out the Invention." Where elements or groups of elements, compounds, and processes, which are conventional and generally widely known in the field of the invention described and their exact nature or type is not necessary for an understanding and use of the invention by a person skilled in the art, they should not be described in detail. However, where particularly complicated subject matter is involved or where the elements, compounds, or processes may not be commonly or widely known in the field, the specification should refer to another patent or readily

Art Unit: 3101

. . .

_available publication which adequately describes the subject

- matter.

 (h) Claim(s): (See 37 C.F.R. § 1.75) A claim may be typed with the various elements subdivided in paragraph form. There may be plural indentations to further segregate subcombinations or related steps. The claim(s) must be in one sentence form only.
- (i) Abstract of the Disclosure.
- 5... The following is a quotation of the first paragraph of 35 U.S.C. § 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

The specification is objected to under 35 U.S.C. § 112, first paragraph, as failing to provide an adequate written description of the invention.

Applicant has failed to disclose how the various listed parts operate together to perform the desired result. For example, how does the data control unit, VCR player, satellite receiver, laser-disc player, camera system, cassette dispenser, sateletion panel, digital counter, satellite antenna, speakers, video screen, and motion detector interrelate or cooperate to perform the desired functions. No block diagrams or wiring of the apparatus connecting these various elements has been disclosed.

Art Unit: 3101

Claim Rejections - 35 USC § 112

- 6. The claim is rejected under 35 U.S.C. § 112, first paragraph, for the reasons set forth in the objection to the specification.
- 7. The claim is rejected as failing to define the invention in the manner required by 35 U.S.C. § 112, second paragraph.

The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. The claim(s) must be in one sentence form only. Note the format of the claims in the patent cited.

Conclusion

- M. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
- on An examination of this application reveals that applicant is unfamiliar with patent prosecuting procedure. While an inventor may prosecute the application, lack of skill in this field usually acts as a liability in affording the maximum protection for the invention disclosed. Applicant is advised to secure the services of a registered patent attorney or agent to prosecute the application, since the value of a patent is largely dependent

Art Unit: 3101

upon skillful preparation and prosecution. The Office cannot aid in selecting an attorney or agent.

Applicant is advised of the availability of the publication "Autorneys and Agents Registered to Practice Before the U.S. Patent and Trademark Office." This publication is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

10. Any inquiry concerning this communication should be directed to Ex.Skaggs at telephone number (703) 308-1113.

W. H. Illrayer

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II. Grant Skaggs Primary Examiner

hgs March 14, 1996

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CONTABINATION

NOTION OF DRAFTSPERSON'S PATENT DRAWING REVIEW

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TO:

- UNITED STATES DEPARTMENT OF COMMERCE

PATENT AND TRADEMARK OFFICE

ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS

WASHINGTON, D.C. 20231

FROM:

JAMES A. SATCHELL JR.

1490 COUNTY ROAD 36 TUSKEGEE, AL 36083

DATE:

JUNE 13, 1996

SUBJECT:

EXTENSION OF PATENT APPLICATION -

"U.S. APPLICATION SERIAL No. 08/429,583 - LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR"

THE APPLICANT HEREWITH PETITIONS THE COMMISSIONER OF PATENT AND TRADEMARKS TO EXTEND THE TIME FOR RESPONSE, TO THE OFFICE ACTION, DATED MARCH 19, 1996 FOR TWO (2) MONTHS FROM JUNE 19, 1996 TO AUGUST 19, 1996. SUBMITTED HEREWITH IS A CHECK FOR \$190.00 (ONE HUNDRED AND NINETY U.S. DOLLARS) TO COVER THE COST OF EXTENSION.

FEEAPPLIED under 37 CFR 1.135(E) EXTENSION OF CMC CRAFTED

CLERK, GROUP 310



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

JAMES A. SATCHELL JR.

Patent Art Unit; 3101

Serial No.: 08/429,583

Examiner: H. Skaggs, Jr.

Filed: August 17, 1995

For: LASER-DISC MUSIC VIDEO

DIGITAL DRINK MACHINE DOOR

PETITION FOR ADDITIONAL EXTENSION OF TIME

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Applicant hereby petitions under 37 C.F.R. § 1.136 for an additional 1-month extension of time to extend the time for response to the March 19, 1996 Office Action up to September 19, 1996. Applicant previously requested a two-month extension of time to August 19, 1996.

A check in the amount of \$260.00 for the extension fee of an additional one-month under 37 C.F.R. § 1.17(b) is attached.

The Commissioner is hereby authorized to charge payment of any fees under 37 C.F.R. § 1.17 which may become due in connection with this application to Deposit Account No. 18-2220.

Respectfully submitted,

Reg. No. 32,023

Roylance, Abrams, Berdo & Goodman, L.L. B10 CS 09/23/96 08429583 260.00 CK 1225 Connecticut Avenue, N.W. 1 116 Washington, D.C. 20036

(202) 659-9076



FILING DATES 1777 OF

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

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Address: COMMISSIONER OF PATENTS AND TRADEMARKS Weshington, D.C. 20231

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H. Grant Skaggs Primary Examiner Art Unit 311

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	As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:							
	the specification filed herewith with title as lis	sed above.			i			
	the application identified above.							
	the patent identified above.							
	I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).							
	Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obliga- tion under contract or law to assign, grant, convey, or license any rights in the invention is listed below:							
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	Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)							
	I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))							
	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punished by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent							
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In re the Reissue Application of

Inventors: James A. SATCHELL, Jr. et al

Original U.S. Patent No. 5,822,216, issued October 13, 1998

Reissue Application Serial No.: 09/686,626

Group Art Unit: 2121

Reissue Application Filing Date: October 12, 2000

Examiner: S. Garland

For: VENDING MACHINE AND COMPUTER ASSEMBLY

SUPPLEMENTAL DECLARATION OF DORA STROUD

I, Dora Stroud, am over the age of twenty one years, and if called to testify would be fully competent to testify on the following matters based upon personal knowledge:

- My current address is 4220 S. Capitol Street, S.E., Apartment 103, Washington, D.C.
 20032.
- I was an employee of the United States Patent and Trademark Office from 1970 until
 my retirement in 2000, my last position being Supervisor, Customer Service, Intake
 of Patent Applications.
- 3. I am familiar with the patent application attached as Serial Number 08/429,583 (hereinafter the "583 application"), recognizing my signature contained therein, and recall numerous conversations with James A. Satchell, Jr. the applicant of the aforementioned '583 application prior to August 17, 1995.
- 4. I recall that Mr. Satchell was applying for his patent application <u>pro se</u> and it was part of my duties at the time to assist <u>pro se</u> applicants in filing their patent applications.

- 5. Mr. Satchell's deposit of his patent application with the United States Patent and Trademark Office on April 27, 1995, was not given a filing date because the application did not include at least one claim as noted in the Notice of Incomplete Application mailed to Mr. Satchell on May 24, 1995.
- It was shortly after that mailing on May 24, 1995, that I had discussions with Mr.
 Satchell in my capacity of assisting pro se applicants.
- I specifically recall discussions with Mr. Satchell concerning his invention for providing patrons or customers of vending machines with internet/worldwide web access, by including in said vending machine a public access to the internet/worldwide web with a vending machine door which included a video screen and selector mechanism to access websites and other internet/worldwide web information.
- I specifically recall the details of my conversations because I made notes of them in my efforts to assist the <u>pro se</u> applicant, Mr. Satchell.
- 9. The notes I made I left with the United States Patent and Trademark Office upon my retirement.
- 10. I have reviewed the amended specification date stamped December 26, 1995, in the aforementioned '583 application and state that prior to the filing of that substitute specification, Mr. Satchell conveyed that information to me concerning his use of vending machines to access the internet/worldwide web.
- 11. I understand from the Office Action dated August 27, 2003 that the Examiner wants more specificity as to the disclosure of the invention to me.

- 12. I specifically recall that the following information was conveyed to me by Mr.
 Satchell at least as early as August 17, 1995:
 - a. The claim of his application, reciting a vending machine including a device to access the internet or world wide web, incorporated, for example, in the door of the machine. The machine could also provide entertainment or advertisements, such as live news, pre-recorded music or videos, and live auditions for television commercials. The purchase of, for example, a soda could be used to activate the device, which could also include a video screen, stereo speakers, a satellite receiver antenna, cameras, a video recorder-playback machine, cassette dispenser, motion detectors, multi-selection panels, and adaptors in the door to permit internet or world wide web access.
 - b. The concept of delivering information, such as music over the internet/world wide web, as described in MusicWorld, a publication of BMI, dated Summer 1995. Mr. Satchell informed me that he was in receipt of this publication, and described to me at least as early as August 17, 1995, the subject matter of the article titled "Music on the Internet: Getting an Earful On Line", discussing the delivery of music works over the internet. A copy of which is attached hereto and highlighted by me as a specific recollection of my discussions with Mr. Satchell. These discussions facilitated my understanding of his invention.
- I have no financial interest in the outcome of this matter.
 Further, declarant sayeth not.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the reissue application or of any reissue patent to issue thereon.

Date

Dora Stroud

Residence: Washington, D.C. Citizenship: United-States

Post Office Address: 4220 S. Capitol Street, S.E., Apartment 103, Washington, D.C. 20032

SUMMER 1995

SHERYL CROW



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Sheryl Crow page 14

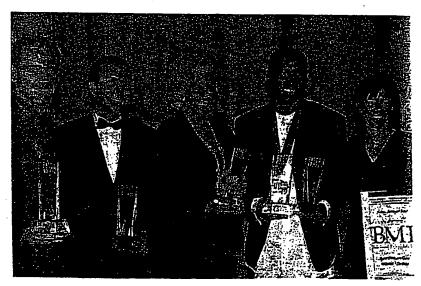


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Music On The Internet:

by Kevin Zimmerman

and musician.

n his classic film 2001: A Space
Odyssey, director Stanley Kubrick introduced a computer that could talk, make suggestions and even sing a song. Six years shy of that date, computers are beginning to do all of those things and more, thanks in large part to the Internet, whose many services are increasingly becoming useful tools for the working composer, songwriter

Basically, the Internet is the world's largest computer network — actually an international network of networks. The fundamental idea is that the 'Net is a means of exchanging information with tens of millions of computer-users around the world; a user can search the 'Net for information on practically any subject.

The World Wide Web is a relatively new and ambitious Internet service that provides a means of organizing the 'Net's information resources in such a way that the user can view images and hear sounds right on his home computer. Web resources are linked together; by clicking on key words or pictures, the user can go to related Web resources.

Though there already are literally tens of millions of people using the Internet on a regular basis, its potential still seems largely untapped. And the music community is still in the early stages of getting involved with the 'Net: record companies are still determining how much information they want to provide, and, perhaps most importantly, the entire creative community is assessing what impact, if any, the new digital technology may have on the legal parameters of music

usage. BMI has been a trailblazer in this area, having already signed an agreement with On Ramp Inc., an Internet marketing and content provider, the first such agreement covering music transmitted over the 'Net.

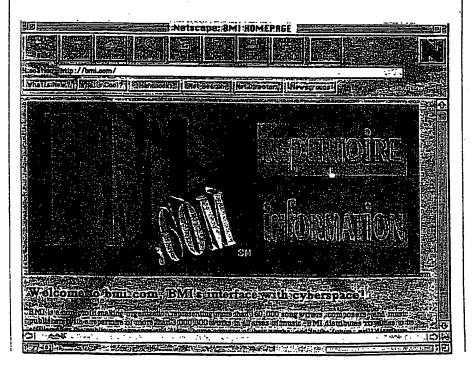
For now, there are primarily three multi-media files an Internet user can download: MIDI, sound and video. MIDI is a protocol used in recording studios and pro audio, connecting a computer directly to a synthesizer, a kind of control language about music that many composers and songwriters have been using for 10 years or so. Its popularity has soared as an international standard, called "General MIDI," has given composers the assurance that the instruments they use in scoring a composition will be the same ones listeners hear when they play it back.

Audio files — actual music that can be downloaded and played on the computer — are encoded as "WAV," "AIFF" and other digital formats. These are practically essential for a music company's successful website.

"The multi-media component is extremely important for anyone coming through a site," says Robert Bourne, senior product manager for BMG Classics US. "It's their way of sampling music on the site."

Earlier this year, BMG Classics launched a music resource called Classics World with service provider On Ramp on the Internet, listing about 1,700 titles, cross-referenced by artist and composer. Also linked to the classics site is BMG's ECM Records, listing 442 of its jazz, classics and world music titles.

BMI launched the second major phase of its Internet service on July 1 with a searchable database of BMI's almost three million cleared musical works. The service also offers digital editions of MusicWorld and all of BMI's brochures and songwriter information. The site now attracts more than 25,000 inquiries per week from over 40 countries from as far away as the Russian Federation, Turkey, South Korea, Costa Rica and Thailand.



Getting An Earful On Line

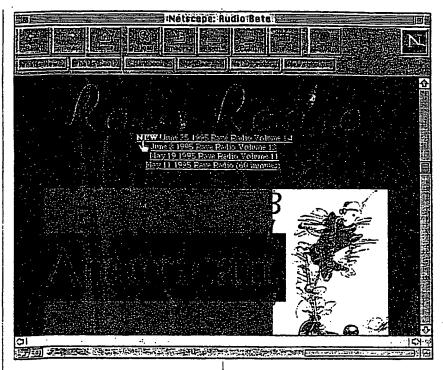
Classics World currently has eight features (artist/composer profiles, photos, sound clips, video clips, new releases info, etc.) and a CD catalog. In four months they've recorded about 1 million accesses. On average a user uses 10-12 pages per session, resulting in about 12 million commands.

"What's impressive to me, more than the raw numbers, is how widespread the usage is," Bourne says. "There's 59 countries that we've counted, with about half of the accesses from the U.S. and the top six rounded out in no particular order by the U.K., Japan, Canada, the Netherlands and Australia. But near the bottom you see names like Croatia, Zaire and Fiji.

"The promise of the Internet, that it makes everything local no matter where you are,' may sound like hyperbole," he continues, "but when you actually see on paper that someone from Mongolia has come through your site in New York, it's pretty exciting."

Sony, MCA and a host of independent labels also have web sites. "It is a digital publication of sorts, and you have to be changing it all the time," says Barry Johnson, head of new technologies for the Epic Records Group. "If the New York Times ran the same stones every day, nobody would read it. If we just have the same things at our sites, people will visit them once and that'll be it."

Epic is constantly updating its artist websites, often incorporating electronic bulletin boards. This is a place where people say what they feel and feel what they say," he continues. "I think we spend a lot of time in this industry second-guessing what people think and feel. Here you can get immediate feedback from people on which single they like, what they



think of the album cover, what they think of the artist's ideas. It's really a cool two-way dynamic."

Epic's sister label, Columbia, features a daily column at the Columbia Online site, updating the goings-on at the label and in the lives of its artists. Mark Ghuneim, VP of online and emerging technologies at Columbia, reports some 25,000 accesses a day, mostly from young rock & roll fans.

"Rock & roll has moved from music to computers." Ghuneim declares. "Kids who used to run home and turn on their TV are now running home and turning on their computers."

Warner Bros., meanwhile, is part of the interner Underground Music Archives, a service that — for a fee — puts songwriters and artists on the 'Net with sound files — either the full song, which they digitize and make available for people to download, or 20-56 second clips — photos and bios, it makes

Pictured here is part of On Ramp's Metaverse on the Internet's World Wide Web, where visitors can access music programs in real time.

for an intriguing "point of entry" for unsigned artists.

Taking things even further is recording artist Todd Rundgren. In the first cyberspace release of an entire album, all 10 tracks of his new LP. The individualist, full length and unedired in Rundgren's recently opened Music In(tr)Action Forum on on-line service CompuServe. Users can download individual songs (download times range from 30 minutes to an hour) or the entire album (about seven hours, depending on modem speed).

The individualist is the first album to be released solely on the CD+ format, permitting access to the audio content by a standard CD player. The "enhanced" content, accessible via a computer CD-ROM drive, allows listeners to combine and vary

such parameters as style, mix and length of songs to produce their own particular versions.

Meanwhile, record company executives are increasingly taking notice of the 'Net's possibilities: Rachel Felder, director, a&r, the Columbia Records Group, declares, "Without the Internet, I almost feel like I can't do my job."

Felder estimates that she spends between three and four hours per day (at home and at work) surfing the 'Net, trying to find out what bands are turning the heads of young rock fans. "It's not enough to trust your instincts about whether the music you're hearing is good or not," she says. "You need to get an idea from the kids of what they think is cool.

"You find kids talking amongst themselves about music that they're almost compulsively religious about," she continues. "My job is to find music that I'm compulsively religious about, but more importantly, that kids around the world will feel that way about too."

Felder regularly browses the Web and constantly checks the bulletin boards and newsgroups to find out what's new. "It's an incredible resource," she says. "It's like a living fanzine."

There is a downside, however: Copyright owners should be aware of ongoing questions regarding copyright protection on the Internet.

In December of 1993, the National Music Publishers' Assn.'s licensing agency, the Harry Fox Agency, announced a class-action suit against interactive computer network CompuServe, charging copyright infringement of the song "Unchained Melody" and over 500 others. The 150 publishers in the suit are seeking redress for what it terms the unputhorized reproduction and distribution of its copyrighted material through CompuServe's electronic bulletin boards, where songs are available for CompuServe subscribers to download and copy for themselves. Similar interactive services could be open to legal action akin to the ContouServe suit.

In the world of performing rights, BMI and other organizations maintain that a multiplicity of rights may be involved with digital transmissions that result in downloading. BMI's position is that these transmissions are public performances; it acknowledges that other rights may come into play with such activity. Establishing licensing agreements with the online services—with potentially hundreds of thousands of dollars in royalties at stake—remains a priority.

BMI's agreement with
On Ramp grants On Ramp
a blanket license that
covers unlimited access to
the more than
three million compositions
in BMI's repertoire.

The above-mentioned BMI agreement with On Rump grants On Ramp a blanket license that covers unlimited access to the more than three million compositions in BMI's repertoire, encompassing the work of more than 160,000 songwriters, composers and music publishers. The license covers a variety of pianned music uses in On Ramp's future business strategies, including browsing, listening and transmission to consumers in the home. This agreement only covers public performing rights, however; mechanical or synchronization rights require a separate license.

Recently, all of the major parties in the music industry reached agreement on the provisions for the establishment of a new performance right for digitally transmitted sound recordings, benefiting copyright owners of sound recordings and artists,

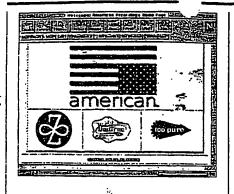
and known as the Digital Performance Right in Sound Recordings bill. BMI's major concern, and its consistent position during the music industry negotiations, was that the establishment of a new right for sound recordings not put benefiting copyright owners of sound recordings or anyone else in the position of being a "gate keeper," deciding when and on which digital music services a songwriter's compositions could be heard. BMI also wanted to assure that royalties for the public performance of a musical work would not be adversely affected by the creation of a performance right for digitally transmitted sound recordings.

The National Music Publishers
Association (NMPA), negotiating for
music publishers, wanted to assure
that mechanical royalties were paid
for all digital transmissions. The
agreement that they reached gives
publishers a right to receive mechanicals from record companies in those
cases in which a digital music service can "track" the number of
downloads to consumers' PCs or
other recording devices. No mechanicals are payable unless the digital
delivery is "trackable."

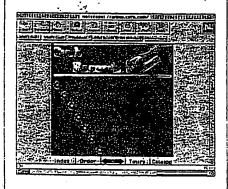
"It's not a mature medium yet," allows BMG's Bourne. "There are still lots of issues that have to be addressed. If a composer is not comfortable with [being on BMG's Web site], we're more than happy to remove that clip — though I've not encountered anyone yet who's taken that stance."

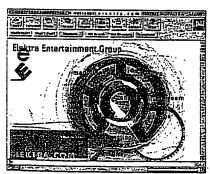
Boume believes legal solutions satisfactory to everyone will evolve, much as they did a few years ago when sampling was being hotly debated. "We're not going into this assuming that those issues will not visit us," he says, "but! do think we will get to the point where we're all clear on what the legal parameters are."

Kevin Zimmerman is the U.S. correspondent for Music Business International.

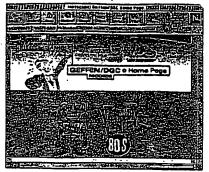




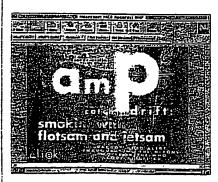


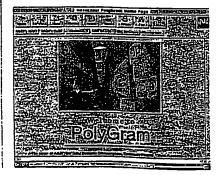




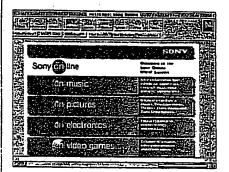


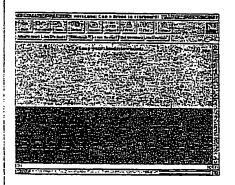
These are World Wide
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advantage of this new
medium.

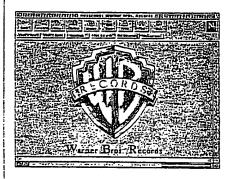


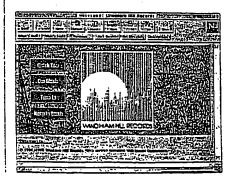


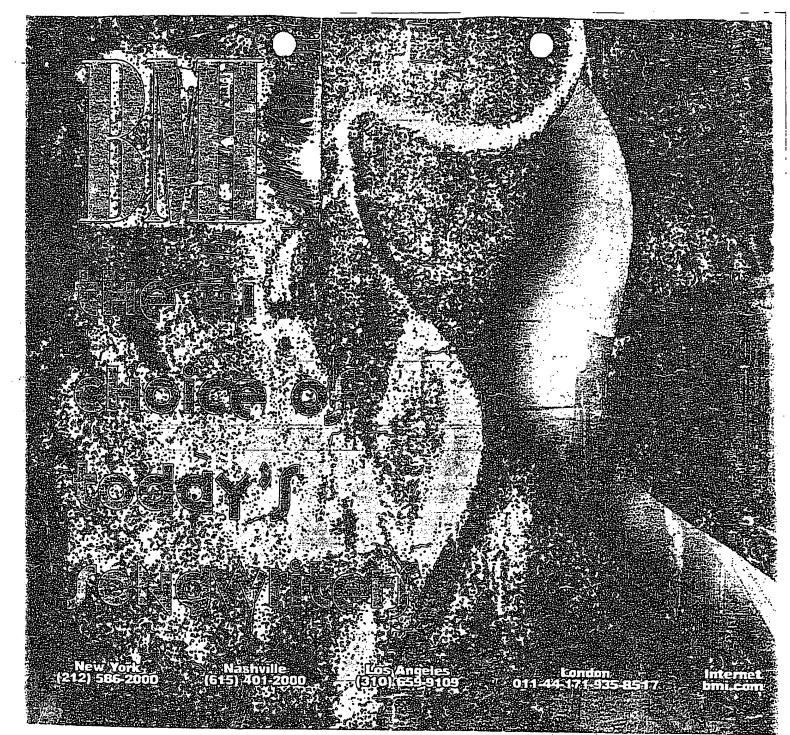












Broadcast Music, Inc. 320 West 57th Street New York, N.Y. 10019

Address Correction Requested

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BULK RATE U.S. POSTAGE PAID Permit 1667 Brooklyn, N.Y. PATENT APPLICATION SERIAL NO. 1848 9583

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

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NIP SER-DISC MU

08/4794 08/4794

SER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR

- 1) MOTION DETECTOR: This censoring device serves as a trigger, for count-down to a Winner. When an individual passes this machine, it decreases from the owner's preset number to 0. (This machine can be preset to count a certain amount of people between each purchase, to eliminate a consistent trigger count-down. Also it can be set on a desired start-off number.) The winning number also activates the Celebration Motion Lights, the release of a free soda, and a free musical-cassette.
- 2) VIDEO SCREEN: The screen has three service functions #1) The primary function of this screen is to service the Selection Panel's video needs. One function of the screen is to receive video from a laser-disc player. All materials (music-video) on laser-disc can be called-up from the Selection Panel to be viewed by potential Customers and Spectators.
 - 2) The second function of the screen is to provide video for the machine's Satellite Receiver. The Customer who has no music interest can view live up-dated News from CNN, or a new Cola News Network which transmits News, Sports, and upcoming 96'Summer Olympic Games to it's own machines.
 - 3) The third function of the Video Screen is to provide video for the camera, with a instant playback system. This system allows the customer to see their own street U-SING-ALONG performance.
- 3) SPEAKERS: The function of the speakers on this machine is to provide audio for all video, laser-disc, satellite transmitted material, U-SING-ALONG recorded-playback, and sound effects for celebration lights.
- 4) CELEBRATION MOTION LIGHTS: These lights are triggered by the final count-down number 0. First, a signal is sent to the top rotating lights, then to the moving Logo bottom neon-tube lights. The entire machine simultaneously celebrates the Winner with a display of lights, also with a soda-companies slogan musical video. The winner is awarded a free soda, and a free musical-cassette. (suggested-design; Logo of soda-company is to be placed into a transparent rectangular glass container, with neon, or moving celebration lights. This lighting effect placed in a glass housing creates a three-dimensional appearance of the companies Logo.)

- 5) SATELLITE ANTENNA: This satellite receiver antenna is the already designed type, and the same installation manual applies. A smaller type can be mounted on top of the machine. Or, a different type antenna can be mounted on top of a building, with a coaxial cable running from the antenna, to the satellite receiver, to the machine.
- 6) DIGITAL COUNTER/ A WINNER: This Counter is preset at a desire number, then it counts backwards to #0. When the counter reaches the number 0, it triggers the other systems to perform their assignments. Again, these assignments are; activation of the free soda release, the starting of the Celebration Motion Lights, and the release of one musical-cassette. The Digital Counter/ A Winner, depends on the data received from the Motion Detector.
- 7) SELECTION PANEL: This computer-linked controlled Panel serves as a function command center, which tells the machine it requested function. Along with the standard Soda-Selector, Bill Changer, Coin Receiver, Change Release This Machine's Selection Panel has three additional functions; (Three attachable components)
 - A) The Musical Selection Function; (Laser-Disc-Player)
 This function commands the Laser-Disc Player.

 (These laser-disc are produced by the sodacompany. They are distributed along with replaceable updated front selection cover on the regular distribution system.)

 A customer can select a certain Recording Artist for a 30 second musical video preview Also a number of soda company commercials can be previewed at a preset time.
 - B) The News Section Function; (Satellite Receiver)
 The News Section of this Panel operates at
 the press of it's key pad. The control
 memory gives a command to the Satellite
 receiver. A Customer then can observe 30
 seconds of a Satellite (Live) News Broadcast.
 - C) The U-SING-ALONG Section Function; (VCR Recorder)
 The U-SING-ALONG operates on a keypad based
 multi-panel, with a record/playback system.
 The machine's camera/microphone system records
 the Customer singing a selected song off the
 Laser-disc Panel, (Performer sings video first
 then, the machine playsback the same music with
 a Q-beep for the Customer to sing.) The VCR
 designed with a digital-tape-stripping device,
 (VCR that digitally codes tape, for precise
 reference.) along with the machine's housed
 camera/microphone records the Customer trying

version of the video. This Live, one shot 30 second street audition can be playedback once, then stored to be reviewed by officials for a series of soda T.V. commercials.

- 8)CASSETTE DISPENSER: This dispenser awards Winners musical cassettes from the participating Recording-Artist. It is triggered by the Digital Counter/ A Winner.
- 9)CAMERA SYSTEMS: The camera systems serves two purposes:
 #1) The primary function of the camera is to record the
 performances of the Customers. To capture to expres
 sions of the Winning Customer for T.V. commercial use.
 Also, to create a more direct relationship with customers.
 - #2) The secondary function of this camera is an optional feature. It can be used as a surveillance camera which supplies recorded video to other security equipment.
- 10) LASER-DISC PLAYER: Of the regular type; The Soda Company would contact a certain audio manufacturer, (Sony,RCA, pioneer etc.) to request a specially designed Laser Disc Player, that can be controlled from a cabled Data Controlled Unit from the Drink Machine Door.
- 11) SATELLITE RECEIVER: Of the regular type; (same request can be controlled by a Data Controlled Unit, from Door.
- 12) DIGITAL VCR PLAYER: This special type video/audio recorder, has a precise video/audio digital tape stripping system which relocate tape on a number, therefore precision on requested rewind/playback. (Note: The Laser-Disc which contains prerecorded material from the Artist, are recorded with double tracks. The first track has the sound-track and video of the professional Artist performance, and is transferred from laser-disc to screen. The second track, has an instrumental track of the same Artist music. When the Q-1,2,3 light ends, the customer starts singing the lyric which appears across the screen. This performance is recorded by mic/cam-to VCR; Laser-Disc instrumental to VCR. This VCR recording can be Rewound for one spectator's review, then stored for company promotional use.
- 13) DATA CONTROL UNIT: The DCU is the brain, command module that controls instructional data between the Selectional Panel, and the Laser-Disc, Satellite Receiver, Digital VCR Player. It uses coaxial cables to make connections to internal and external sources.

DESIGNED: 4/20/95 DESIGNER: X James a. Datehelly.

Page #6

Laser-Disc Music Video Door (Drink Machine Door) Claims

What I claim as my invention is: Something that will Enter the Soda-Machine into the Entertainment World. Other existing Drink Machine illuminated facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

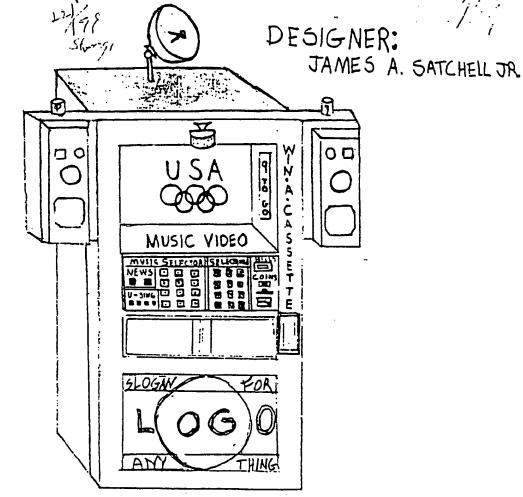
- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Digital Counters

I Dames Q. Satall Q., claim this combination Entertainment package design as a replacement door for existing soda machines. On this day 6/1/95

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LASER-DISW MUSIC VIDEO DIGITAL (DRINK MACHINE DOOR)

PAGE 1

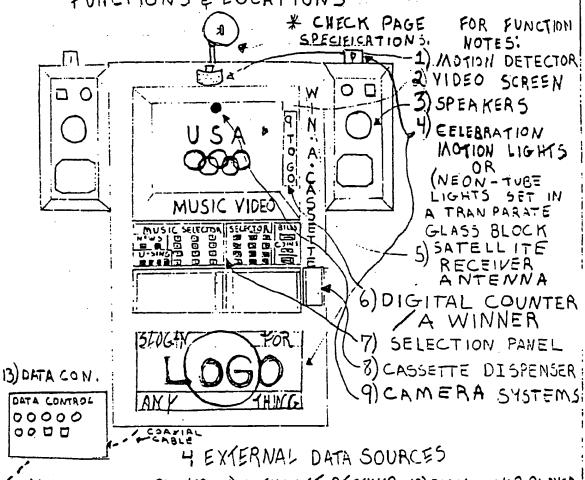


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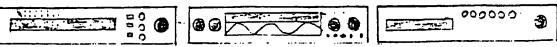
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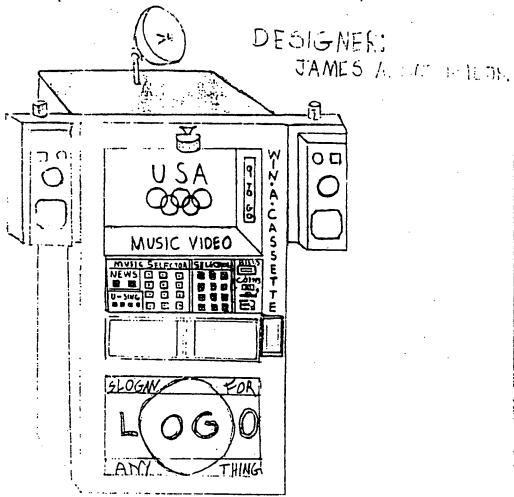
FUNCTIONS & LOCATIONS



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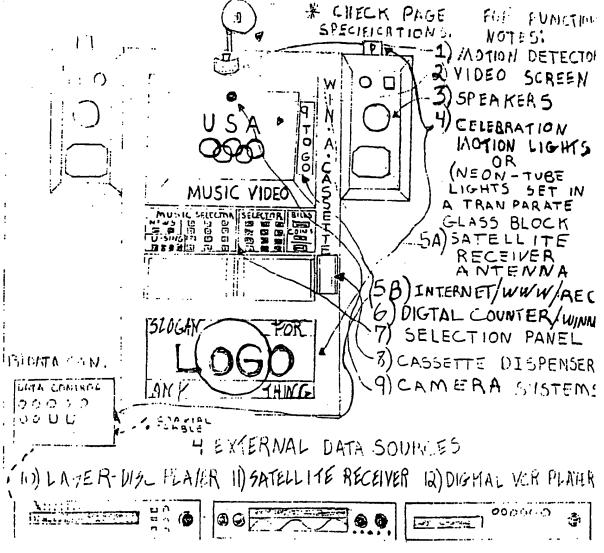
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ISOMETRIC DRAWING

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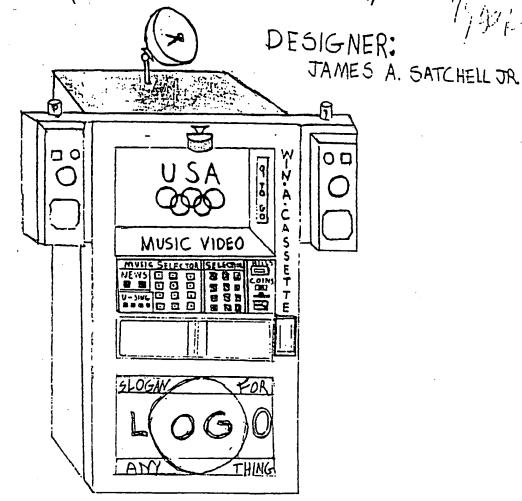
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LASER-DISC MUSIC VIDEO DIGITAL (DRINK MACHINE DOOR)

PAGE I



ISOMETRIC DRAWING

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FIRST HAMED APPLICANT

UNITED STATES DEPARIMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Weshington, D.C. 20231

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Application Processing Division

(703) 308-1202

APPLICATION NUMBER

RECEIPT DATE

A copy of this notice MUST be returned with the response.



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

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d. Holes not include a	written description of the in t least one claim in complian	vention. ice with 35 U.S.C. I	12.
A complete specification in co	mpliance with 35 U.S.C. 112	is required.	
2.1.7 A drawing of Figure(s) 35 U.S.C. 111.	described in the spec	cification is required	in compliance with
3. [] A drawing of applicant's i subject matter of the investigation.	invention is required since it intion in compliance with 35	is necessary for the U.S.C. 113.	inderstanding of the
4.17 The inventor's name(s) is with 37 CFR 1.41.	missing. The full names of a	all inventors are req	uired in compliance
5. (1) Other:			
All of the above-noted items, ur of the date of this notice or the has been submitted will be refu	application will be returned of	or otherwise dispose	d of. Any fee which
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FORM PTO-1123 (REV 12-92)





UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS

Weshington, D.C. 20231

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NOTICE TO FILE MISSING PARTS OF APPLICATION NO FILING DATE

(Enclosure to Form PTO-1123)

(37 CFR 1.16(e)).

The total amount owed by applicant as a | C large entity Zamall entity (verified statement filed) is

- 1.(1) The statutory hasic filing fee is: ☐ missing ☐ insufficient. Applicant as a ☐ large entity ☐ small entity must submit \$_______ to complete the basic filing fee.
- 2. [] Additional claim fees of \$ as a 🖸 large entity. 🗋 small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- 3. The oath or declaration:
 - is missing.
 - Adoes not cover items required on "Notice of Incomplete Application." An oath or declaration in compliance with 37 CFR 1.63, referring to the above Application Number and Receipt Date, is required.
- 4. (1) The oath or declaration does not identify the application to which it applies. An oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Receipt Date, is required.
- 5.1. The signature(s) to the each or declaration is/are: D missing: D by a person other than the inventor or a person qualified under 37 CFR 1.42, 1.43, or 1.47. A properly signed eath or declaration in compliance with 37 CFR 1.63, referring to the above Application Number and Receipt Date, is required.
- 6.! The signature of the following joint inventor(s) is missing from the eath or declaration:

 ________. An eath or declaration signed by the emitted inventor(s), identifying this application by the above Application Number and Receipt Date, is required.
- processing fee is required since your check was returned without payment. 7. C A \$ (37 CFR 1.21(m)).
- 8.C) The application does not comply with the Sequence Rules. See attached Notice To Comply with Sequence Rules 37 CFR 1.821-1.825.
- 9.[] Other:

Direct the response and any questions about this notice to, Attention: Application Processing Division, Special Processing and Correspondence Branch.

A copy of this notice <u>MUST</u> be returned with the response.

Application Processing Division

(703) 308-1202



UNITED STATES DEPARTMENT OF CONSIDERCE Patent and Trademark Office

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Application Processing Division (703) 308-1202

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UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NUMBER RECEIPT DATE FRIST NAMED APPLICANT ATTY. DOCKET NO.

08/429, 589 04/27/95 SATCHELL,

02/22/05/24

JAMES A SATCHELL JR 1490-COUNTY ROAD 36 TUSKEREE AL 36083

accompanied by the S_

0,000

DATE MAILED:

05/24/95

NOTICE OF INCOMPLETE APPLICATION

The state of the s
A filing date has NOT been assigned to the above identified application papers for the reason(s) shown below.
The specification (description and claims): a. is missing b. has pages missing c. does not include a written description of the invention. does not include at least one claim in compliance with 35 U.S.C. 112.
A complete specification in compliance with 35 U.S.C. 112 is required.
2. A drawing of Figure(s) described in the specification is required in compliance with 35 U.S.C. 111.
3. A drawing of applicant's invention is required since it is necessary for the understanding of the subject matter of the invention in compliance with 35 U.S.C. 113.
4. [] The inventor's name(s) is missing. The full names of all inventors are required in compliance with 37 CFR 1.41.
5. 🗆 Other:
All of the above-noted items, unless otherwise indicated, must be submitted within TWO MONTHS of the date of this notice or the application will be returned or otherwise disposed of. Any fee which has been submitted will be refunded less a \$handling fee. See 37 CFR 1.53(c).

The filing date will be the date of receipt of all items required above, unless otherwise indicated. Any assertions that the items required above were submitted, or are not necessary for a filing date, must be by a petition directed to the attention of the Office of the Assistant Commissioner for Patents

petition fee (37 CFR 1.17(h)). If the petition states that the application

Direct the response and any questions about this notice to, Attention:
Application Processing Division, Special Processing and Correspondence Branch.

is complete, a request for refund of the petition fee may be included in the petition.

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Page #6

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will inter the Soda-Machine into the Entertainment World. Other existing Drink Machine illuminated facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Digital Counters

I More G. Satroll M., claim this combination Entertainment package design as a replacement door for existing soda machines. On this day $\frac{0.5 / 26 / 9.5}{2.6 / 9.5}$

15T COPY) 05/26/95 [2ND COPY] 8/17/95 FAY NEEDED

NOTE: I MAILED THIS CLAIM ON

05/26/95 BACK TO THE U.S.D. OF C. PATENT & TRADEMARK. YOU SAY IT'S NOT THERE. PLEASE PLACE THIS ONE PROPERLY.

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Address all telephone calls to at telephone number
Address all correspondence to
hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and
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Full name of sole or first inventor (given name, family name) TAMES A. SATCHELL TR. Inventor's signature Post Office Address 1490 COUNTY RD. 36

NOTE FOR MY EXAMINATION.

AMENAMENTS, AMD SUPPLEMENTS
CONTAINING ADDITIONAL SUBJECT
MATTER, WITH THE REST SET
OF MY APPLICATION.

JAMES A. SATCHEZL JR S 1490 COUNTY RD36. TUSKEGEE AL, 36083

APPLICATION NUMBER 08/429, 58 FILING DATE 08/17/95

TITLE;

LASER - DISC MUSIC VIDEO DIGITA

(DRINK MACHINE DOOR)

LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR
APPLICATION #08/429,583 FILING DATE 08/17/95 PAGE #3
ESPECIFICATIONS:

MOTION DETECTOR: This censoring device serves as a trigger, for count-down to a Winner. When an individual passes this machine, it decreases from the owner's preset number to 0. (This machine can be preset to count a certain amount of people between each purchase, to eliminate a consistent trigger count-down. Also it can be set on a desired start-off number.) The winning number also activates the Celebration Motion Lights, the release of a free soda, and a free musical-cassette.

- 2) VIDEO SCREEN: The screen has three service functions #1) The primary function of this screen is to service the Selection Panel's video needs. One function of the screen is to receive video from a laser-disc player. All materials (music-video) on laser-disc can be called-up from the Selection Panel to be viewed by potential Customers and Spectators.
 - 2) The second function of the screen is to provide video for the machine's Satellite Receiver. The Customer who has no music interest can view live up-dated News from CNN, or a new Cola News Network which transmits News, Sports, and upcoming 96'Summer Olympic Games to it's own machines. Screen receives all signals from Web-Sites transmitions over the internet/W.W.Web.
 - 3) The third function of the Video Screen is to provide video for the camera, with a instant playback system. This system allows the customer to see their own street U-SING-ALONG performance.
- 3) SPEAKERS: The function of the speakers on this machine is to provide audio for all video, laser-disc, satellite transmitted material, U-SING-ALONG recorded-playback, stereo sound from internet/W.W.Wed Transmitions, and sound effects for the celebration.
- 4) CELEBRATION MOTION LIGHTS: These lights are triggered by the final count-down number 0. First, a signal is sent to the top rotating lights, then to the moving Logo bottom neon-tube lights. The entire machine simultaneously celebrates the Winner with a display of lights, also with a soda-companies slogan musical video. The winner is awarded a free soda, and a free musical-cassette. (suggested-design; Logo of soda-company is to be placed into a transparent rectangular glass container, with neon, or moving celebration lights. This lighting effect placed in a glass housing creates a three-dimensional appearance of the companies Logo.)

. 1980-1

- 5) A)SATELLITE ANTENNA: This satellite receiver antenna is the already designed type, and the same installation manual applies. A smaller type can be mounted on top of the machine. Or, a different type antenna can be mounted on top of a building, with a coaxial cable running from the antenna, to the satellite receiver, to the machine.
- B)INTERNET/WORLD WIDE WEB RECEPTACLE: Connection point.

 6) DIGITAL COUNTER/ A WINNER: This Counter is preset at a desire number, then it counts backwards to #0. When the counter reaches the number 0, it triggers the other systems to perform their assignments. Again, these assignments are; activation of the free soda release, the starting of the Celebration Motion Lights, and the release of one musical-cassette. The Digital Counter/ A Winner, depends on the data received from the Motion Detector.
- 7) SELECTION PANEL: This computer-linked controlled Panel serves as a function command center, which tells the machine it requested function. Along with the standard Soda-Selector, Bill Changer, Coin Receiver, Change Release This Machine's Selection Panel has three additional functions; (Three attachable components)
 - A) The Musical Selection Function; (Laser-Disc-Player)
 This function commands the Laser-Disc Player.
 (These laser-disc are produced by the sodarcompany. They are distributed along with
 replaceable updated front selection cover
 on the regular distribution system.)
 A customer can select a certain Recording
 Artist for a 30 second musical video preview
 Also a number of soda company commercials
 can be previewed at a preset time.
 - B) The News Section Function; (Satel thite Receiver)
 The News Section of this Panel operates at
 the press of it's key pad. The control
 memory gives a command to the Satellite
 receiver. A Customer then can observe 30
 seconds of a Satellite (Live) News Broadcast.
 (Internet/World Wide Web) News; key pad, calls
 - C) The U-SING-ALONG Section Function; (VCR Recorder)
 The U-SING-ALONG operates on a keypad based
 multi-panel, with a record/playback system.
 The machine's camera/microphone system records
 the Customer singing a selected song off the
 Laser-disc Panel, (Performer sings video first
 then, the machine playsback the same music with
 a Q-beep for the Customer to sing.) The VCR
 designed with a digital-tape-stripping device,
 (VCR that digitally codes tape, for precise
 reference.) along with the machine's housed
 camera/microphone records the Customer trying
 to sing the Artist video, creating a Customer's

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APPICATION #08/429/583 FILING DATE 08/17/95
version of the video. This Live, one shot
30 second street audition can be playedback
once, then stored to be reviewed by officials
for a series of soda T.V. commercials.

8)CASSETTE DISPENSER: This dispenser awards Winners musical cassettes from the participating Recording-Artist. It is triggered by the Digital Counter/ A Winner.

- 9)CAMERA SYSTEMS: The camera systems serves two purposes:
 #1) The primary function of the camera is to record the
 performances of the Customers. To capture to expres
 sions of the Winning Customer for T.V. commercial use.
 Also, to create a more direct relationship with customers.
 #2) The secondary function of this camera in with customers.
 - #2) The secondary function of this camera is an optional feature. It can be used as a surveillance camera which supplies recorded video to other security equipment.
- 10) LASER-DISC PLAYER: Of the regular type; The Soda Company would contact a certain audio manufacturer, (Sony,RCA, Pioneer etc.) to request a specially designed Laser Disc Player, that can be controlled from a cabled Data Controlled Unit from the Drink Machine Door.
- 11) SATELLITE RECEIVER: Of the regular type; (same request can be controlled by a Data Controlled Unit, from Door.
- 12) DIGITAL VCR PLAYER: This special type video/audio recorder, has a precise video/audio digital tape stripping system which relocate tape on a number, therefore precision on requested rewind/playback. (Note: The Laser-Disc which contains prerecorded material from the Artist, are recorded with double tracks. The first track has the sound-track and video of the professional Artist performance, and is transferred from laser-disc to screen. The second track, has an instrumental track of the same Artist music. When the Q-1,2,3 light ends, the customer starts singing the lyric which appears across the screen. This performance is recorded by mic/cam-to VCR; Laser-Disc instrumental to VCR. This VCR recording can be Rewound for one spectator's review, then stored for company promotional use.
- 13) DATA CONTROL UNIT: The DCU is the brain, command module that controls instructional data between the Selectional Panel, and the Laser-Disc, Satellite Receiver, Digital VCR Player. It uses coaxial cables to make connections to internal and external sources.

APPLICATION #08/429,583 FILING DATE 08/17/95

Page #5a

"14) DCU & The Internet/World Wide Web: The Data Control Unit has compatible systems built within the unit to operate regular computer functions that will allow adaptability to computer commands from Web Sites which allow other progresses to be transmitted to the machine's doors.

Large chain stores can set-up Web Sites which transmitts various types of advertising to it's stores; Example: You pull open the door at a Walmart, K-mart, etc., there you see these new type vending-machine along with the rest of Video games, you are stopped by a vending machine that has audio/video on the door of the machine. The audio/video, welcome's you to the Store along with Total show-off of it's sale items, as well as store inventory Set-ups. Smaller Business can set-up Web-Sites too, but Individualized Disc can be cheaper. This information can come from the Web-Site of the Company, or a Laser Disc.

Live News Reports can be viewed just about anywhere one of these machines can be set-up. On the street, Bus, Train Stations, Airports, Offices, Hospitals, etc.

Putting, The World Wide Web/Internet systems to work in public places, Delivering most advantages of the PC, on a "LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR".

15) INDIVIDUALIZED BUSINESS ADVERTISING DISC: These personalized disc allows for businesses to showcase their business activities along with the product Manufacturer on the vending machine door. This may encourage businesses to put a machine on location, for self-on-location audio/video advertising.

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Page #6

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will inter net/world wide wed, most types of vending machines, and the Soda-Machine Door into the entertainment/advertisement World. Soda-machine doors with still facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Adaptors for Internet/



UNITED STATES OEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Weshington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.
08/429.58	33 08/17/9	5 SATCHELL	J	
JAMES A S 1490 COUN TUSKEREE	ATCHELL JR TY ROAD 36 AL 36080	F1M1/0319		EXAMINER JR. H PAPER NUMBEH
This is a convinunical	ion from the examiner i F PATENTS AND TRAC	n charge of your application. DEMARKS	3101 DATE MAILED:	00/19/96
This application A shonened statutor	w navind for response to	Responsive to communication filed on	s), days	from the date of this letter:
	•	onse will cause the application to become aban (S) ARE PART OF THIS ACTION:	toned. 35 U.S.C. 13.	
1. Notice of	References Cited by E Art Cited by Applicant,	xaminer, PTO-892.		Patent Drawing Review, PTO-948. ant Application, PTO-152.
Part II SUMMAR	Y OF ACTION			
1. Claims				are pending in the application.
Of th	e above, claims			are withdrawn from consideration.
2. Claims				have been cancelled.
4. 🔀 Claims				are rejected.
5. Claims				are objected to.
6. Clauns			are subject to rest	riction or election requirement.
7. This applic	ation has been filled wit	h informal drawings under 37 C.F.R. 1.85 which	are acceptable for e	xamination purposes.
8. Formal dra	awings are required in r	esponse to this Office action.		•
9. The correct are are	cted or substitute drawin ceptable: Onot accept	ngs have been received on able (see explanation or Notice of Draftsman's F	under atent Drawing Revie	37 C F.R. 1.84 these drawings w, PTO-948).
to. The propo exammer;	sed additional or subst	itute cheet(s) of drawings, filled on examiner (see explanation).	has (have) be	en 🔘 approved by tha
		filed, has been 🗍 a		
O been li	led in parent application	ctaim for priority under 35 U.S.C. 119. The cert n, serial no; filed on		 -
13. Since this accordance	application apppears to ce with the practico und	o be in condition for allowance excapt for formal er Ex parte Quayre, 1935 C.D. 11; 453 O.G. 213	matters, prosecution).	as to the merits is closed in
14. Other				

Serial Number: 08/429583

Art Unit: 3101

Part III DETAILED ACTION

Specification

- 1. This application does not contain an Abstract of the Disclosure as required by 37 C.F.R. § 1.72(b). An Abstract on a separate sheet is required.
- 2. Applicant is reminded of the proper language and format of an Abstract of the Disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 250 words. It is important that the abstract not exceed 250 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said", should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not

The language should be clear and concise and should not tepeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

i. This application is informal in the arrangement of the specification.

The following guidelines illustrate the preferred layout and content for patent applications. These guidelines are suggested for the applicant's use.

- 4. Applicant is advised as to how to arrange the content of the specification.
- (a) Title of the Invention. The title of the invention should be placed at the top of the first page of the specification.

Serial Number: 08/429583

Art Unit: 3101

It should be brief but technically accurate and descriptive, preferably from two to seven words.

-3-

Hel Cross-References to Related Applications: if applicable.

(*) Statement as to Rights to inventions made under Federally sponsored research and development: (if any).

(d) Background of the Invention: The specification should set torth the Background of the Invention in two parts:

(1) Field of the Invention: A statement of the field of and to which the invention pertains. This statement may include a paraphrasing of the applicable U.S. patent classification definitions or the subject matter of the claimed invention. This item may also be titled "Technical Field."

(2) Description of the Prior Art: A description of the prior art known to the applicant and including, if applicable, references to specific prior art problems which are solved by the applicant's invention. This item may also be titled "Background Art."

(e) Summary: A brief summary or general statement of the invention is separate and distinct from the abstract and is directed toward the invention rather than the disclosure as a whole. The summary may point out the advantages of the invention or how it solves problems previously existent in the prior art (and preferably indicated in the Background of the Invention). In chemical cases, it should point out in general terms the utility of the invention. If possible, the nature and gist of the invention or the inventive concept should be set forth. Objects of the invention should be treated briefly and only to the extent that they contribute to an understanding of the invention.

(t) Brief Description of the Drawing(s): A reference to and brief description of the drawing(s) as set forth in 37 C.F.R. § 1.74.

(q) Description of the Preferred Embodiment(s): A description of the preferred embodiment(s) of the invention as required in 37 C.F.R. § 1.71. The description should be as short and specific as is necessary to describe the invention adequately and accurately. This item may also be titled "Best Mode for Carrying Out the Invention." Where elements or groups of elements, compounds, and processes, which are conventional and generally widely known in the field of the invention described and their exact nature or type is not necessary for an understanding and use of the invention by a person skilled in the art, they should not be described in detail. However, where particularly complicated subject matter is involved or where the elements, compounds, or processes may not be commonly or widely known in the field, the specification should refer to another patent of readily

-4-

Serial Number: 08/429583

Art Unit: 3101

available publication which adequately describes the subject matter.

- (h) Claim(s): (See 37 C.F.R. § 1.75) A claim may be typed with the various elements subdivided in paragraph form. There may be plural indentations to further segregate subcombinations or related steps. The claim(s) must be in one sentence form only.
- (i) Abstract of the Disclosure.
- 5. The following is a quotation of the first paragraph of 35 U.S.C. $5\ 112$:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

The specification is objected to under 35 U.S.C. § 110, first paragraph, as failing to provide an adequate written description of the invention.

Applicant has failed to disclose how the various listed parts operate together to perform the desired result. For example, how does the data control unit, VCR player, satellite receiver, laser-disc player, camera system, cassette dispenser, selection panel, digital counter, satellite antenna, speakers, video screen, and motion detector interrelate or cooperate to perform the desired functions. No block diagrams or wiring of the apparatus connecting these various elements has been disclosed.

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Claim Rejections - 35 USC § 112

- 6. The claim is rejected under 35 U.S.C. § 112, first paragraph, for the reasons set forth in the objection to the specification.
- 7. The claim is rejected as failing to define the invention in the manner required by 35 U.S.C. § 112, second paragraph.

The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. The claim(s) must be in one sentence form only. Note the format of the claims in the patent cited.

Conclusion

- 8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
- 9. An examination of this application reveals that applicant is unfamiliar with patent prosecuting procedure. While an inventor may prosecute the application, lack of skill in this field usually acts as a liability in affording the maximum protection to the invention disclosed. Applicant is advised to secure the services of a registered patent attorney or agent to prosecute the application, since the value of a patent is largely dependent

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Art Unit: 3101

upon skillful preparation and prosecution. The Office cannot aid in selecting an attorney or agent.

Applicant is advised of the availability of the publication "Attorneys and Agents Registered to Practice Before the U.S. Patent and Trademark Office." This publication is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

10. Any inquiry concerning this communication should be directed to Em. Skaggs at telephone number (703) 308-1113.

H. H. Alkayya

II. Grant Skaggs Primary Examiner /+ [1-if 31]

hqs. March 14, 1996

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TO:

UNITED STATES DEPARTMENT OF COMMERCE

PATENT AND TRADEMARK OFFICE

ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS

WASHINGTON, D.C. 20231

FROM:

JAMES A. SATCHELL JR. 1490 COUNTY ROAD 36

TUSKEGEE, AL 36083

DATE:

JUNE 13, 1996

SUBJECT:

EXTENSION OF PATENT APPLICATION -

"U.S. APPLICATION SERIAL No. 08/429,583 - LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR"

THE APPLICANT HEREWITH PETITIONS THE COMMISSIONER OF PATENT AND TRADEMARKS TO EXTEND THE TIME FOR RESPONSE, TO THE OFFICE ACTION, DATED MARCH 19, 1996 FOR TWO (2) MONTHS FROM JUNE 19, 1996 TO AUGUST 19, 1996. SUBMITTED HEREWITH IS A CHECK FOR \$190.00 (ONE HUNDRED AND NINETY U.S. DOLLARS) TO COVER THE COST OF EXTENSION.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of

JAMES A. SATCHELL JR.

Patent Art Unit: 3101

Serial No.: 08/429,583

Examiner: H. Skaggs, Jr.

Filed: August 17, 1995

For: LASER-DISC MUSIC VIDEO

DIGITAL DRINK MACHINE DOOR

PETITION FOR ADDITIONAL EXTENSION OF TIME

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Applicant hereby petitions under 37 C.F.R. § 1.136 for an additional 1-month extension of time to extend the time for response to the March 19, 1996 Office Action up to September 19, 1996. Applicant previously requested a two-month extension of time to August 19, 1996.

A check in the amount of \$260.00 for the extension fee of an additional one-month under 37 C.F.R. § 1.17(b) is attached.

The Commissioner is hereby authorized to charge payment of any fees under 37 C.F.R. § 1.17 which may become due in connection with this application to Deposit Account No. 18-2220.

Respectfully submitted,

ED

Garrett V. Davis

Reg. No. 32,023

Roylance, Abrams, Berdo & Goodman, L.L.B10 CS 09/23/76 08429583 1225 Connecticut Avenue, N.W. 1 116 260.00 CK

Washington, D.C. 20036

(202) 559-9076



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

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5	5.	::		oplicant's failure to timely correct awings by The corrected and/or substitute	the drawings and/or submit new or as no drawings were received on	r substitute formal equired in the last Office action.	
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H. Grant Skaggs Primary Examiner Art Unit 311

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and Trecovering Crise: U.S. CEPARTIEUT OF COMMERCE. REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(a) In to Application of 8-17-95 .,... 1 Group Art Unit Assistant Commissioner for Pittents Washington, DC 20231 Thereby request access under 27 CFR 1.14(a)(3)(iv) to the application file record of the above-benyther ABANDONED application, which is: (CHECK CNE) (A) referred to in United States Patent Number 582226 (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. ______ filed ___ paper number __ (C) an application that craims the penefit of the filting case of an application that is open to public inspection, i.e., Application No. ____ (D) an application in which the applicant has filed an authorization to lay open the complete ביובשם מוד כו מספבוותם Please direct any correspondence concerning this request to the following address: 10-15 99 Date FOR PTO USE/ONLY Typed or printed name Approved by (ឧធមារា)

Unit: _

REQUEST FOR ACCESS OF ABANCONED APPLIC. JON UNDER 37 CFR In to Assisson of Accierca Number 08/429 58 35 Green Art Link File Information Unit Assistant Constitutioner for Patents Washington, DC 2021 I hereby request access undenst CFR 1,14(a)(3)(iv) is the application file record of the above-Monthee ABANDONED sessioners, which is: 101-EDX CNE (A) referred to in United States Patent Number ______5802 7216 (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. (C), an application that cause the ceneric of the filed sale of an application that is open to public inspeciar, i.a., Applicant No. (C) an application in which the applicant has the an authorization to lay open the camplete application to the public. Please directory consecutions concerning the recess to the following address: MORTON T. Kosember FOR PTO USE ONLY Approved by: C. 11/1

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	As a below named inventor, I hereby of purposes of paying reduced fees to the the specification filed herewith the application identified above	Patent and Trademark Office describe with title as listed above.		s defined in 37 CFR 1.	.9(c) for
	the patent identified above.	•			
	I have not assigned, granted, conveyed convey or license, any rights in the interpretation of the concern under 37 CFR 1.9(d) or a non-tended concern under 37 CFR 1.9(d) or a non-tended concern or organization tion under contract or law to assign, grant concern, or the concern of the concern or tended concern, or the concern or the co	independent inventor ualify as a small busine	under 37		
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1. I hereby request access under 37 CFR 1.14(e)(2) to the application file record of the above-identified ABANDONED Application, which is not within the file jacket of a pending Continued Prosecution Application (CPA) (37 CFR 1.53(d)) and is: (CHECK ONE)									
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David Braun		9-21-02 Date	JSE ONLY						
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In re the Reissue Application of

Inventors: James A. SATCHELL, Jr. et al

Original U.S. Patent No. 5,822,216, issued October 13, 1998

Reissue Application Serial No.: 09/686,626

Group Art Unit: 2121

Reissue Application Filing Date: October 12, 2000

Examiner: S. Garland

For: VENDING MACHINE AND COMPUTER ASSEMBLY

DECLARATION

We, James A. Satchell, Jr., and Johnson A. Asumadu are each over the age of twenty-one years and if called to testify would be fully competent to testify as to the following:

- 1. All statements made herein are based on personal knowledge;
- 2. That we are co-inventors of U.S. Patent No. 5,822,216 based on an application filed September 18, 1996, under U.S. Application Serial No. 08/718,232, for which the current reissue application is being prosecuted and that James A. Satchell, Jr. is the sole inventor of a patent application filed on August 17, 1995, under U.S. Application Serial No. 08/429,583, the benefit of which is claimed under 35 USC 120 in the present application for reissue of the aforementioned U.S. Patent;
- 3. We are fully familiar with the present reissue application, including the Office Action issued by Examiner Steven R. Garland on August 26, 2002, in which Examiner Garland mistakenly asserts that "the introduction of the term 'internet' appears in the 08/715,232 application filed by joint inventors . . . "

- 4. Attached is a true copy of application 08/429,583 obtained from the records of the United States Patent and Trademark Office and applicants respectfully direct the examiner's attention to the USPTO mailroom date-stamp of December 26, 1995 (also bearing a Group 310 date-stamp of January 17, 1996), which expressly talks about "internet/worldwide web receptacle: connection point" at page number 4 thereof (item 5(b)) as well as the use thereof with the internet/worldwide web as recited at paragraph 14 (page no. 5a) and a claim to a combination of internet/worldwide vending machine on page no. 6 thereof. The access by customers of the internet/worldwide web (WWW) is discussed at paragraph 2(2) on page 3 thereof and other disclosure of internet/worldwide web can be found throughout such amendment, for example, on page 4, section 7(b). Various mechanisms to implement the method and internet/worldwide web vending machine are also disclosed, including but not limited to the drawings;
- 5. We declare that at least as early as December 26, 1995, James A. Satchell, Jr. had conceived of the invention of using a vending machine as a source for customer access to the internet/worldwide web as corroborated by receipt by the United States Patent and Trademark Office on that date in a file which remained copending with the application which matured into the patent for which reissue is sought, that we diligently pursued the invention for such conception until the filing of the aforementioned U.S. patent application 08/718,232, and as such, predate the Bernstein et al, Barcello Peters, Brown, Small and Hill, III references cited in the Office Action; and

6. Further, declarants are attempting to obtain additional evidence, corroborated by former and/or current employees of the United States Patent and Trademark Office concerning corroboration of a date of invention earlier than December 26, 1995, by James A. Satchell, Jr.

7. We further declare that the subject matter of the various claims was under our obligation to be commonly owned at the time the respective inventions of the claims were made.

Further, declarants sayeth not.

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the reissue application or of any reissue patent to issue thereon.

APRIL 25, 2003

James

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Citizenship: United States

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AyDr, 1 23, 2003

Residence: Kalamazoo, Michigan

Citizenship: United States

Post Office Address: 5133 Shepherds Glen Court, Kalamazoo, Michigan 49009

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PATENT APPLICATION SERIAL NO. 18439583

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SER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR

- 1) MOTION DETECTOR: This censoring device serves as a trigger, for count-down to a Winner. When an individual passes this machine, it decreases from the owner's preset number to 0. (This machine can be preset to count a certain amount of people between each purchase, to eliminate a consistent trigger count-down. Also it can be set on a desired start-off number.) The winning number also activates the Celebration Motion Lights, the release of a free soda, and a free musical-cassette.
- 2) VIDEO SCREEN: The screen has three service functions #1) The primary function of this screen is to service the Selection Panel's video needs. One function of the screen is to receive video from a laser-disc player. All materials (music-video) on laser-disc can be called-up from the Selection Panel to be viewed by potential Customers and Spectators.
 - 2) The second function of the screen is to provide video for the machine's Satellite Receiver. The Customer who has no music interest can view live up-dated News from CNN, or a new Cola News Network which transmits News, Sports, and upcoming 96'Summer Olympic Games to it's own machines.
 - 3) The third function of the Video Screen is to provide video for the camera, with a instant playback system. This system allows the customer to see their own street U-SING-ALONG performance.
- 3) SPEAKERS: The function of the speakers on this machine is to provide audio for all video, laser-disc, satellite transmitted material, U-SING-ALGNG recorded-playback, and sound effects for celebration lights.
- 4) CELEBRATION MOTION LIGHTS: These lights are triggered by the final count-down number 0. First, a signal is sent to the top rotating lights, then to the moving Logo bottom neon-tube lights. The entire machine simultaneously celebrates the Winner with a display of lights, also with a soda-companies slogan musical video. The winner is awarded a free soda, and a free musical-cassette. (suggested-design; Logo of soda-company is to be placed into a transparent rectangular glass container, with neon, or moving celebration lights. This lighting effect placed in a glass housing creates a three-dimensional appearance of the companies Logo.)

- 5) SATELLITE ANTENNA: This satellite receiver antenna is the already designed type, and the same installation manual applies. A smaller type can be mounted on top of the machine. Or, a different type antenna can be mounted on top of a building, with a coaxial cable running from the antenna, to the satellite receiver, to the machine.
- 6) DICTAL COUNTER/ A WINNER: This Counter is preset at a desire number, then it counts backwards to #0. When the counter reaches the number 0, it triggers the other systems to perform their assignments. Again, these assignments are; activation of the free soda release, the starting of the Celebration Motion Lights, and the release of one musical-cassette. The Digital Counter/ A Winner, depends on the data received from the Motion Detector.
- 7) SELECTION PANEL: This computer-linked controlled Panel serves as a function command center, which tells the machine it requested function. Along with the standard Soda-Selector, Bill Changer, Coin Receiver, Change Release This Machine's Selection Panel has three additional functions; (Three attachable components)
 - A) The Musical Selection Function; (Laser-Disc-Player)
 This function commands the Laser-Disc Player.
 (These laser-disc are produced by the sodacompany. They are distributed along with replaceable updated front selection cover on the regular distribution system.)
 A customer can select a certain Recording Artist for a 30 second musical video preview Also a number of soda company commercials can be previewed at a preset time.
 - B) The News Section Function; (Satellite Receiver) The News Section of this Panel operates at the press of it's key pad. The control memory gives a command to the Satellite receiver. A Customer then can observe 30 seconds of a Satellite (Live) News Broadcast.
 - C) The U-SING-ALONG Section Function; (VCR Recorder) The U-SING-ALONG operates on a keypad based multi-panel, with a record/playback system. The machine's camera/microphone system records the Customer singing a selected song off the Laser-disc Panel, (Performer sings video first then, the machine playsoack the same music with a Q-beep for the Customer to sing.) The VCR designed with a digital-tape-stripping device, (VCR that digitally codes tape, for precise reference.) along with the machine's housed camera/microphone records the Customer trying

version of the video. This Live, one shot 30 second street audition can be playedback once, then stored to be reviewed by officials for a series of soda T.V. commercials.

8) CASSETTE DISPENSER: This dispenser awards Winners musical cassettes from the participating Recording-Artist. It is triggered by the Digital Counter/ A Winner.

- 9)CAMERA SYSTEMS: The camera systems serves two purposes:
 #1) The primary function of the camera is to record the
 performances of the Customers. To capture to expres
 sions of the Winning Customer for T.V. commercial use.
 Also, to create a more direct relationship with customers.
 - #2) The secondary function of this camera is an optional feature. It can be used as a surveillance camera which supplies recorded video to other security equipment.
- 10) I.ASER-DISC PLAYER: Of the regular type; The Soda Company would contact a certain audio manufacturer, (Sony,RCA, Pioneer etc.) to request a specially designed Laser Disc Player, that can be controlled from a cabled Data Controlled Unit from the Drink Machine Door.
- 11) SATELLITE RECEIVER: Of the regular type; (same request can be controlled by a Data Controlled Unit, from Door.
- 12) DIGITAL VCR PLAYER: This special type video/audio recorder, has a precise video/audio digital tape stripping system which relocate tape on a number, therefore precision on requested rewind/playback. (Note: The Laser-Disc which contains prerecorded material from the Artist, are recorded with double tracks. The first track has the sound-track and video of the professional Artist performance, and is transferred from laser-disc to screen. The second track, has an instrumental track of the same Artist music. When the Q-1,2,3 light ends, the customer starts singing the lyric which appears across the screen. This performance is recorded by mic/cam-to VCR; Laser-Disc instrumental to VCR. This VCR recording can be Rewound for one spectator's review, then stored for company promotional use.
- 13) DATA CONTROL UNIT: The DCU is the brain, command module that controls instructional data between the Selectional Panel, and the Laser-Disc, Satellite Receiver, Digital VCR Player. It uses coaxial cables to make connections to internal and external sources.

DESIGNED: 4/20/95
DESIGNER: X Omma a. Anteholom

Page #5

Laser-Disc Music Video Door (Drink Machine Door) Claims.

What I claim as my invention is: Something that will Cater the Soda-Machine into the Entertainment World. Other existing Drink Machine illuminated facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

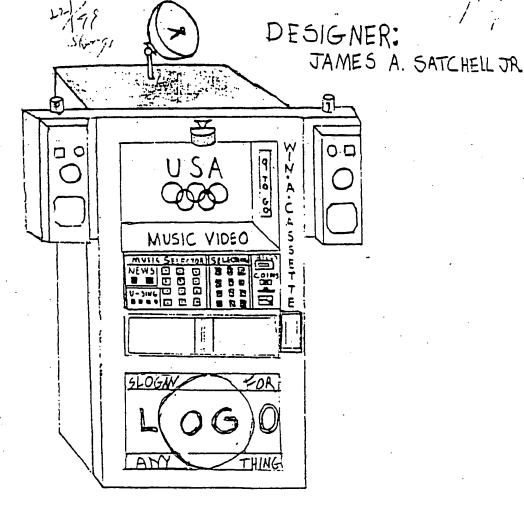
- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Digital Counters

I Dames A. Satallan, claim this combination Enterment package design as a replacement door for existing soda machines. On this day 6/1/95 , claim this combination Entertain-

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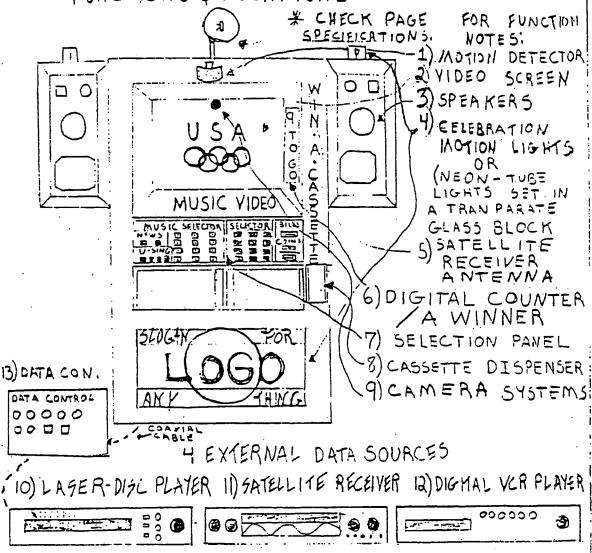


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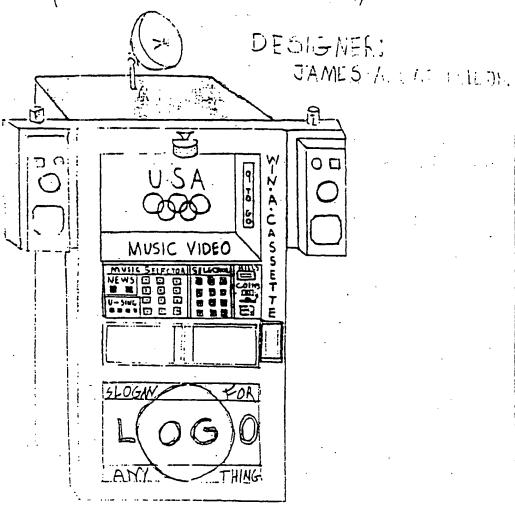
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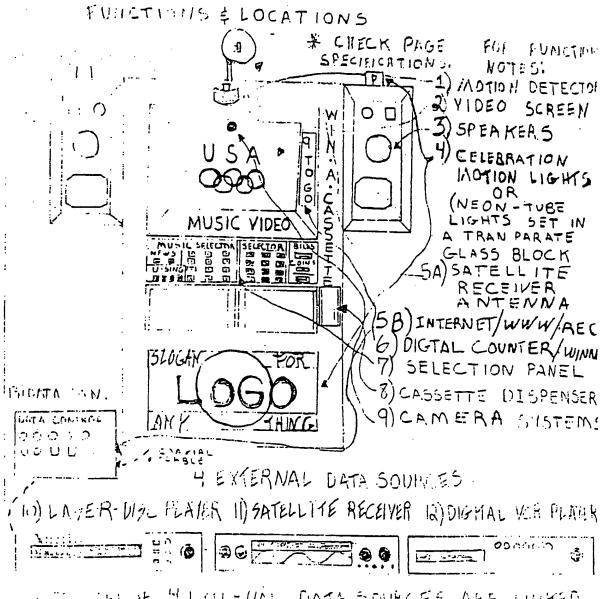
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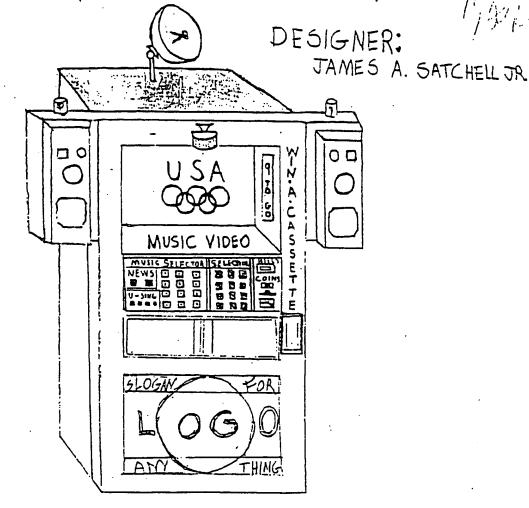
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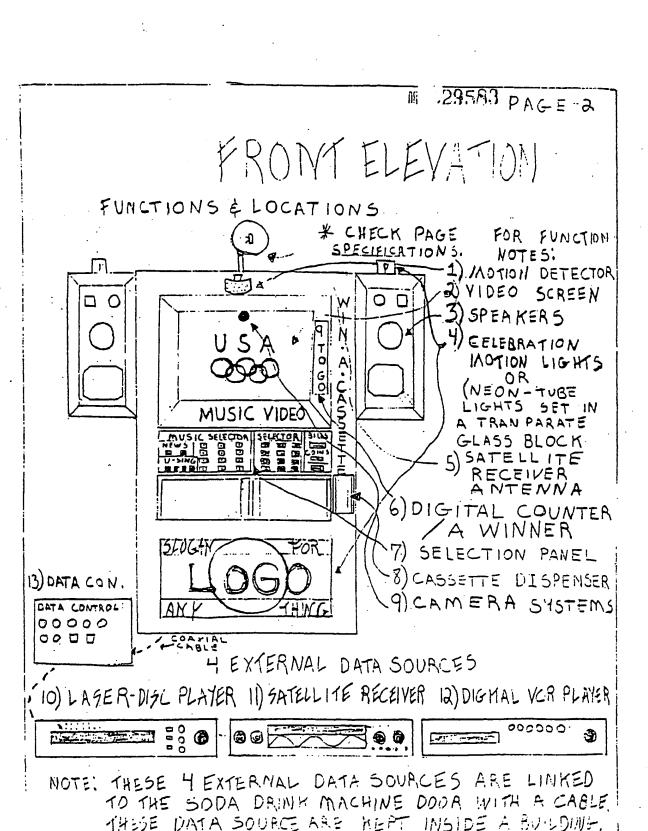
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FORM PTO-1532 (REV. 11.33)



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NOTICE OF INCOMPLETE APPLICATION

A filling date has NOT been assigned to the above identified application papers for the reason(s) shown helow.

:[-	The specification (description and claims):	
	a. (is missing	
	b. C1 has pages missing	•
	c. [] does not include a written description of the invention.	
	d. Edoes not include at least one claim in compliance with 35 U.S.C.	112

A complete specification in compliance with 35 U.S.C. 112 is required.

- described in the specification is required in compliance with 2. A drawing of Figure(s) 35 U.S.C. 111.
- 3. A drawing of applicant's invention is required since it is necessary for the understanding of the subject matter of the invention in compliance with 35 U.S.C. 113.
- 4. (7) The inventor's name(s) is missing. The full names of all inventors are required in compliance with 37 CFR 1.41.
- 5. 🖸 Other:

All of the above-noted items, unless otherwise indicated, must be submitted within TWO MONTHS of the date of this notice or the application will be returned or otherwise disposed of. Any fee which has been submitted will be refunded less a \$__ ____handling fee. See 37 CFR 1.53(c).

The filing date will be the date of receipt of all items required above, unless otherwise indicated. Any assertions that the items required above were submitted, or are not necessary for a filing date, must be by a petition directed to the attention of the Office of the Assistant Commissioner for Patents petition fee (37 CFR 1.17(h)). If the petition states that the application accompanied by the \$_ is complete, a request for refund of the petition fee may be included in the petition.

Direct the response and any questions about this notice to, Attention: Application Processing Division, Special Processing and Correspondence Branch.

A copy of this notice <u>MUST</u> be returned with the response.

Enclosed:	
Enclosed:	
[] "General Information Concerning Patents." See page	
Copy of a patent to assist applicant in making corrections.	
"Notice to File Missing Parts of Application," Form PTO-1532.	
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UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

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NOTICE TO FILE MISSING PARTS OF APPLICATION NO FILING DATE

(Enclosure to Form PTO-1123)

Required items 1-9 below SHOULD be filed, with any items required on the "Notice of Incomplete Application" enclosed with this form. The filing date of this application will be the date of receipt of the items required on the "Notice of Incomplete Application." If items 1 and 3-6 below are submitted after the filing date, THE PAYMENT OF A SURCHARGE OF \$ / / / / / large entities or \$ / for small entities who have filed a verified statement 37 CFR 1.27 claiming such status will also be required. (37 CFR 1.16(c)).

The total amount owed by applicant as a [] large entity amail entity (verified statement filed) is

- 2. Additional claim fees of \$______as a alarge entity. I small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- 3. The oath or declaration:

is missing.

An oath or declaration in compliance with 37 CFR 1.63, referring to the above Application Number and Receipt Date, is required.

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 The nath or declaration does not identify the application to which it applies. An oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Receipt Date, is required.
- 5.UT The signature(s) to the eath or declaration is/are: I missing: I by a person other than the inventor or a person qualified under 37 CFR 1.42, 1.43, or 1.47. A properly signed eath or declaration in compliance with 37 CFR 1.63, referring to the above Application Number and Receipt Date, is required.
- 6.1) The signature of the following joint inventor(s) is missing from the eath or declaration:

 An eath or declaration signed by the emitted inventor(s), identifying this application by the above Application Number and Receipt Date, is required.
- 7.1.1 A \$______processing fee is required since your check was returned without payment. (37 CFR).21(m)).
- The application does not comply with the Sequence Rules. See attached Notice To Comply with Sequence Rules 37 CFR 1.821-1.825.
- 9. Other:

Direct the response and any questions about this notice to, Attention: Application Processing Division, Special Processing and Correspondence Branch.

A copy of this notice MUST be returned with the response.

Application Processing Division

(703) 308-1202



UNITED STATES DEPARTMENT IN EXHIBITERCE
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Application Processing Division

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UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Weshington, D.C. 20231

 APPLICATION NUMBER
 RECEIPT DATE
 PRIST NAMED APPLICANT
 ATTY, DOCKET NO.

 06/429, 563
 04/27/95
 SATCHELL,
 J

JAMES A SATCHELL JR 1490-COUNTY ROAD 36 TUSKEGEE AL 36083 0222/0524

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_handling fee. See 37 CFR 1.53(c).

, DATE MAILED

05/24/95

NOTICE OF INCOMPLETE APPLICATION

A filing date has NOT been assigned to the above identified application papers for the reason(s) shows	1
below.	

below.
The specification (description and claims): a. is missing b. has pages missing c. does not include a written description of the invention. does not include at least one claim in compliance with 35 U.S.C. 112.
A complete specification in compliance with 35 U.S.C. 112 is required.
2. A drawing of Figure(s) described in the specification is required in compliance with 35 U.S.C. 111.
 A drawing of applicant's invention is required since it is necessary for the understanding of the subject matter of the invention in compliance with 35 U.S.C. 113.
4. The inventor's name(s) is missing. The full names of all inventors are required in compliance with 37 CFR 1.41.
5. Other:
All of the above-noted items, unless otherwise indicated, must be submitted within TWO MONTHS of the date of this notice or the application will be returned or otherwise disposed of. Any fee which

The filing date will be the date of receipt of all items required above, unless otherwise indicated. Any assentions that the items required above were submitted, or are not necessary for a filing date, must be by a petition directed to the attention of the Office of the Assistant Commissioner for Patents accompanied by the _______petition fee (37 CFR 1.17(h)). If the petition states that the application is complete, a request for refund of the petition fee may be included in the petition.

Direct the response and any questions about this notice to, Attention:
Application Processing Division, Special Processing and Correspondence Branch.

has been submitted will be refunded less a \$_____

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Page #6

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will inter
the Soda-Machine into the Entertainment World. Other
existing Drink Machine illuminated facades will surely
step aside to customer entertainment; Live News Events,
Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda.
I claim these features combined with my design on
The Laser-disc Music Video Drink Machine Door,
Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Digital Counters

I Mono G Datebolo M., claim this combination Entertainment package design as averplacement door for existing soda machines. On this day $\frac{0.5 / 26 / 95}{26 / 95}$

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NOTE: I MAILED THIS CLAIM ON

05/26/95 BACK TO THE U.S.D. OF C. PATENT & TRADEMARK. YOU SAY IT'S NOT THERE. PLEASE PLACE THIS ONE PROPERLY.

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names are listed below) of	the subject matter which is claimed and for which a DISC MUSIC VIDEO (DRI)	palent is sought on the invention entitled VK MACHINE, the specification of which
DOOR.)	/ A	
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Regulations, § 1.56.	rhy benefits under Thie 35, United States Code, § 11	9 of any foreign anniversaries for neverses
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Prior Foreign Application(s	1 1 -	Priority Claimed
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AMENNMENTS, AMD SUPPLEMENTS
CONTAINING ADDITIONAL SUBJECT
MATTER, WITH THE REST OF MY APPLICATION.

JAMES A. SATCHEZL JR 1490 COUNTY RD36. TUSKEGEE AL, 36083

APPLICATION NUMBER 08/429, 58
FILING DATE 08/17/95

TITLE:

LASER-DISC MUSIC VIDEO DIGITA

(DRINK MACHINE DOOR)

LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR APPLICATION #08/429,583 FILING DATE 08/17/95 PAGE #3 SPECIFICATIONS:

- MOTION DETECTOR: This censoring device serves as a trigger, for count-down to a Winner. When an individual passes this machine, it decreases from the owner's preset number to 0. (This machine can be preset to count a certain amount of people between each purchase, to eliminate a consistent trigger count-down. Also it can be set on a desired start-off number.) The winning number also activates the Celebration Motion Lights, the release of a free soda, and a free musical-cassette.
 - 2) VIDEO SCREEN: The screen has three service functions #1) The primary function of this screen is to service the Selection Panel's video needs. One function of the screen is to receive video from a laser-disc player. All materials (music-video) on laser-disc can be called-up from the Selection Panel to be viewed by potential Customers and Spectators.
 - 2) The second function of the screen is to provide video for the machine's Satellite Receiver. The Customer who has no music interest can view live up-dated News from CNN, or a new Cola News Network which transmits News, Sports, and upcoming 96'Summer Olympic Games to it's own machines. Screen receives all signals from Web-Sites transmitions over the internet/W.W.web.
 - 3) The third function of the Video Screen is to provide video for the camera, with a instant playback system. This system allows the customer to see their own street U-SING-ALONG performance.
 - 3) SPEAKERS: The function of the speakers on this machine is to provide audio for all video, laser-disc, satellite transmitted material, U-SING-ALONG recorded-playback, stereo sound from internet/W.W.wed Transmitions, and sound effects for the celebration.
 - 4) CELEBRATION MOTION LIGHTS: These lights are triggered by the final count-down number 0. First, a signal is sent to the top rotating lights, then to the moving Logo bottom neon-tube lights. The entire machine simultaneously celebrates the Winner with a display of lights, also with a soda-companies slogan musical video. The winner is awarded a free soda, and a free musical-cassette. (suggested--design; Logo of soda-company is to be placed into a transparent rectangular glass container, with neon, or moving celebration lights. This lighting effect placed in a glass housing creates a three-dimensional appearance of the companies Logo.)

- 5) A)SATELLITE ANTENNA: This satellite receiver antenna is the already designed type, and the same installation manual applies. A smaller type can be mounted on top of the machine. Or, a different type antenna can be mounted on top of a building, with a coaxial cable running from the antenna, to the satellite receiver, to the machine.

 B)INTERNET/WORLD WIDE WEB RECEPTACLE: Connection point.
- 6) DIGITAL COUNTER/ A WINNER: This Counter is preset at a desire number, then it counts backwards to #0. When the counter reaches the number 0, it triggers the other systems to perform their assignments. Again, these assignments are; activation of the free soda release, the starting of the Celebration Motion Lights, and the release of one musical-cassette. The Digital Counter/ A Winner, depends on the data received from the Motion Detector.
- 7) SELECTION PANEL: This computer-linked controlled Panel serves as a function command center, which tells the machine it requested function. Along with the standard Soda-Selector, Bill Changer, Coin Receiver, Change Release This Machine's Selection Panel has three additional functions; (Three attachable components)
 - A) The Musical Selection Function; (Laser-Disc-Player)
 This function commands the Laser-Disc Player.
 (These laser-disc are produced by the sodacompany. They are distributed along with
 replaceable updated front selection cover
 on the regular distribution system.)
 A customer can select a certain Recording
 Artist for a 30 second musical video preview
 Also a number of soda company commercials
 can be previewed at a preset time.
 - B) The News Section Function; (Satellite Receiver)
 The News Section of this Panel operates at
 the press of it's key pad. The control
 memory gives a command to the Satellite
 receiver. A Customer then can observe 30
 seconds of a Satellite (Live) News Broadcast.
 (Internet/World Wide Web) News; key pad, calls
 - C) The U-SING-ALONG Section Function; (VCR Recorder)

 The U-SING-ALONG operates on a keypad based multi-panel, with a record/playback system.

 The machine's camera/microphone system records the Customer singing a selected song off the Laser-disc Panel, (Performer sings video first then, the machine playsback the same music with a Q-beep for the Customer to sing.) The VCR designed with a digital-tape-stripping device, (VCR that digitally codes tape, for precise reference.) along with the machine's housed camera/microphone records the Customer trying to sing the Artist video, creating a Customer's

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version of the video. This Live, one shot
30 second street audition can be playedback
once, then stored to be reviewed by officials
for a series of soda T.V. commercials.

8)CASSETTE DISPENSER: This dispenser awards Winners musical cassettes from the participating Recording-Artist. It is triggered by the Digital Counter/ A Winner.

- 9)CAMERA SYSTEMS: The camera systems serves two purposes:
 #1) The primary function of the camera is to record the performances of the Customers. To capture to expres sions of the Winning Customer for T.V. commercial use.
 Also, to create a more direct relationship with customers.
 - #2) The secondary function of this camera is an optional feature. It can be used as a surveillance camera which supplies recorded video to other security equipment.
- 10) LASER-DISC PLAYER: Of the regular type; The Soda Company would contact a certain audio manufacturer, (Sony,RCA, Pioneer etc.) to request a specially designed Laser Disc Player, that can be controlled from a cabled Data Controlled Unit from the Drink Machine Door.
- 11) SATELLITE RECEIVER: Of the regular type; (same request can be controlled by a Data Controlled Unit, from Door.
- 12) DIGITAL VCR PLAYER: This special type video/audio recorder, has a precise video/audio digital tape stripping system which relocate tape on a number, therefore precision on requested rewind/playback. (Note: The Laser-Disc which contains prerecorded material from the Artist, are recorded with double tracks. The first track has the sound-track and video of the professional Artist performance, and is transferred from laser-disc to screen. The second track, has an instrumental track of the same Artist music. When the Q-1,2,3 light ends, the customer starts singing the lyric which appears across the screen. This performance is recorded by mic/cam-to VCR; Laser-Disc instrumental to VCR. This VCR recording can be Rewound for one spectator's review, then stored for company promotional use.
- 13) DATA CONTROL UNIT: The DCU is the brain, command module that controls instructional data between the Selectional Panel, and the Laser-Disc, Satellite Receiver, Digital VCR Player. It uses coaxial cables to make connections to internal and external sources.

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Page #5a

"14) DCU & The Internet/World Wide Web: The Data Control Unit has compatible systems built within the unit to operate regular computer functions that will allow adaptability to computer commands from Web Sites which allow other progresses to be transmitted to the machine's doors.

Large chain stores can set-up Web Sites which transmitts various types of advertising to it's stores; Example: You pull open the door at a Walmart, K-mart, etc., there you see these new type vending-machine along with the rest of Video games, you are stopped by a vending machine that has audio/video on the door of the machine. The audio/video, welcome's you to the Store along with Total show-off of it's sale items, as well as store inventory Set-ups. Smaller Business can set-up Web-Sites too, but Individualized Disc can be cheaper. This information can come from the Web-Site of the Company, or a Laser Disc.

Live News Reports can be viewed just about anywhere one of these machines can be set-up. On the street, Bus, Train Stations, Airports, Offices, Hospitals, etc.

Putting, The World Wide Web/Internet systems to work in public places, Delivering most advantages of the PC, on a "LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR".

15) INDIVIDUALIZED BUSINESS ADVERTISING DISC: These personalized disc allows for businesses to showcase their business activities along with the product Manufacturer on the vending machine door. This may encourage businesses to put a machine on location, for self-on-location audio/video advertising.

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Page #6

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will inter net/world wide wed, most types of vending machines, and the Soda-Machine Door into the entertainment/advertisement World. Soda-machine doors with still facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Adaptors for Internet/



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Westington, D.C. 20231

	FILING DATE	FIRST NAMED INVENTOR	
08/429.58	3 08/17/9	5 SATCHELL	J
		F1M1/0319	EXAMINER SKAGGS JR.H
JAMES A S 1490 COUN TUSKEGEE	ATCHELL JR TY ROAD 36 AL 36083		ART UNIT PAPER NUMBER
		. *	3101 .
			DATE MAILED: 03/19/96
This is a communical COMMISSIONER O	tion from the examiner F PATENTS AND TRAI	n charge of your application. DEMARKS	
This application	has been examined	Responsive to communication filed of	
A shonened statutor Fadure to respond w	y period for response to Althin the period for resp	on this action is set to expire more onse will cause the application to become all	hith(s), seys from the date of this letter. bandoned. 35 U.S.C. 133
Part 1 THE FOLL	OWING ATTACHMENT	(S) ARE PART OF THIS ACTION:	
3. Notice o	References Cited by E	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Notice of Draftsman's Patent Drawing Review, PTO-948. Notice of Informal Patent Application, PTO-152.
•	ION ON HOW TO EITECL UT	awing Changes, F. O. 1974.	
1. Claims			are pending in the application
	e above, claims		ere withdrawn from consideration.
2. Claims_			have been cancelled.
a.L.J. Claums			ara allowed.
4. X Claims _			are rejected.
4. 🔀 Claims _			are rejected. are objected to.
4. 🔀 Claims 5. 🔲 Claims 6. 🔲 Claims			are rejected. are objected to. are subject to restriction or election requirement.
4.	ication has been filled w	th informal drawings under 37 C.F R. 1.85 w	are rejected. are objected to.
4. Claims 5. Claims 6. Claims 7. This appl 8. Formal di	cation has been filled w	ith Informal drawings under 37 C.F R. 1.85 w response to this Office action.	are rejected. are objected to. are subject to restriction or dection requirement. Nich are acceptable for examination purposes. Under 37 C.F.R. 1.84 these drawings
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Serial Number: 08/429583

Art Unit: 3101

Part III DETAILED ACTION

Specification

- 1. This application does not contain an Abstract of the Disclosure as required by 37 C.F.R. § 1.72(b). An Abstract on a separate sheet is required.
- 2. Applicant is reminded of the proper language and format of an Abstract of the Disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 250 words. It is important that the abstract not exceed 250 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said", should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not tepeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

3. This application is informal in the arrangement of the specification.

The following guidelines illustrate the preferred layout and content for patent applications. These guidelines are suggested for the applicant's use.

- 4. Applicant is advised as to how to arrange the content of the specification.
- (a) Title of the Invention. The title of the invention should be placed at the top of the first page of the specification.

-3-

Serial Number: 08/429583

Art Unit: 3101

It should be brief but technically accurate and descriptive, preferably from two to seven words.

(b) Cross-References to Related Applications: if applicable.
 (c) Statement as to Rights to inventions made under Federally

sponsored research and development: (if any).
(d) Background of the Invention: The specification should set forth the Background of the Invention in two parts:

- (1) Field of the Invention: A statement of the field of and to which the invention pertains. This statement may include a paraphrasing of the applicable U.S. patent classification definitions or the subject matter of the claimed invention. This item may also be titled "Technical Field."
- (2) Description of the Prior Art: A description of the prior art known to the applicant and including, if applicable, references to specific prior art problems which are solved by the applicant's invention. This item may also be titled "Background Art."
- (e) Summary: A brief summary or general statement of the invention is separate and distinct from the abstract and is directed toward the invention rather than the disclosure as a whole. The summary may point out the advantages of the invention or how it solves problems previously existent in the prior art (and preferably indicated in the Background of the Invention). In chemical cases, it should point out in general terms the utility of the invention. If possible, the nature and gist of the invention or the inventive concept should be set forth. Objects of the invention should be treated briefly and only to the extent that they contribute to an understanding of the invention.

(r) Brief Description of the Drawing(s): A reference to and brief description of the drawing(s) as set forth in 37 C.F.R. § 1.74.

Description of the Preferred Embodiment(s): A description of the preferred embodiment(s) of the invention as required in T/ C.F.R. § 1.71. The description should be as short and specific as is necessary to describe the invention adequately and accurately. This item may also be titled "Best Mode for Carrying Out the Invention." Where elements or groups of elements, compounds, and processes, which are conventional and generally widely known in the field of the invention described and their exact nature or type is not necessary for an understanding and use of the invention by a person skilled in the art, they should not be described in detail. However, where particularly complicated subject matter is involved or where the elements, compounds, or processes may not be commonly or widely known in the field, the specification should refer to another patent or readily

-4-

Serial Number: 08/429583

Art Unit: 3101

available publication which adequately describes the subject matter.

- (h) Claim(s): (See 37 C.F.R. § 1.75) A claim may be typed with the various elements subdivided in paragraph form. There may be plural indentations to further segregate subcombinations or related steps. The claim(s) must be in one sentence form only.
- (i) Abstract of the Disclosure.
 - 5. The following is a quotation of the first paragraph of 35 U.S.C. § 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

The specification is objected to under 35 U.S.C. § 112, first paragraph, as failing to provide an adequate written description of the invention.

Applicant has failed to disclose how the various listed parts operate together to perform the desired result. For example, how does the data control unit, VCR player, satellite receiver, laser-disc player, camera system, cassette dispenser, solution panel, digital counter, satellite antenna, speakers, video screen, and motion detector interrelate or cooperate to perform the desired functions. No block diagrams or wiring of the apparatus connecting these various elements has been disclosed.

Serial Number: 08/429583

Art Unit: 3101

Claim Rejections - 35 USC § 112

- 6. The claim is rejected under 35 U.S.C. § 112, first paragraph, for the reasons set forth in the objection to the specification.
- 7. The claim is rejected as failing to define the invention in the manner required by 35 U.S.C. § 112, second paragraph.

The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. The claim(s) must be in one sentence form only. Note the format of the claims in the patent cited.

Conclusion

- H. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
- On An examination of this application reveals that applicant is unifamiliar with patent prosecuting procedure. While an inventor may prosecute the application, lack of skill in this field usually acts as a liability in affording the maximum protection the invention disclosed. Applicant is advised to secure the services of a registered patent attorney or agent to prosecute the application, since the value of a patent is largely dependent

Serial Number: 08/429583

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Art Unit: 3101

upon skillful preparation and prosecution. The Office cannot aid in selecting an attorney or agent.

Applicant is advised of the availability of the publication "Attorneys and Agents Registered to Practice Before the U.S. Patent and Trademark Office." This publication is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

10. Any inquiry concerning this communication should be directed to Ex.Skaggs at telephone number (703) 308-1113.

H. H. Illay.

II. Grant Skaggs Primary Examiner (+) 11-11 311

họs March 14, 1996

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TO:

- UNITED STATES DEPARTMENT OF COMMERCE

PATENT AND TRADEMARK OFFICE

ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS

WASHINGTON, D.C. 20231

FROM:

JAMES A. SATCHELL JR.

1490 COUNTY ROAD 36

TUSKEGEE, AL 36083

DATE:

JUNE 13, 1996

SUBJECT:

EXTENSION OF PATENT APPLICATION -

"U.S. APPLICATION SERIAL No. 08/429.583 - LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR"

THE APPLICANT HEREWITH PETITIONS THE COMMISSIONER OF PATENT AND TRADEMARKS TO EXTEND THE TIME FOR RESPONSE, TO THE OFFICE ACTION, DATED MARCH 19, 1996 FOR TWO (2) MONTHS FROM JUNE 19, 1996 TO AUGUST 19, 1996. SUBMITTED HEREWITH IS A CHECK FOR \$190.00 (ONE HUNDRED AND NINETY U.S. DOLLARS) TO COVER THE COST OF EXTENSION.

FEEAPPLIED under 37 CFR 1.105(6) EXTENSION OF COMP CEMATTER

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

JAMES A. SATCHELL JR.

Serial No.: 08/429,583

Filed: August 17, 1995

For: LASER-DISC MUSIC VIDEO

DIGITAL DRINK MACHINE DOOR

Patent Art Unit: 3101

Examiner: H. Skaggs, Jr.

PETITION FOR ADDITIONAL EXTENSION OF TIME

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Applicant hereby petitions under 37 C.F.R. § 1.136 for an additional 1-month extension of time to extend the time for response to the March 19, 1996 Office Action up to September 19, 1996. Applicant previously requested a two-month extension of time to August 19, 1996.

A check in the amount of \$260.00 for the extension fee of an additional one-month under 37 C.F.R. § 1.17(b) is attached.

The Commissioner is hereby authorized to charge payment of any fees under 37 C.F.R. § 1.17 which may become due in connection with this application to Deposit Account No. 18-2220.

Respectfully submitted,

Reg. No. 32,023

Roylance, Abrams, Berdo & Goodman, L.L.B10 CS 09/23/96 08429583 1225 Connecticut Avenue, N.W. 1 116 Washington, D.C. 20036

(202) 559-9076



6. Li The reason(s) below.

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

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H. Grant Skaggs Primary Examiner Art Unit 311

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COM AC OF 1925, No company are REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(a) In to Assumption of £ 17-95 Group Art Und Assistant Commissioner for Parents Washington, DC 20231 .. I hereby request access under 17 GFR 1.14(2)(3)(iv) to the application file record of the above-Mamphed ABANDONED ADDICATION, Which IS: "CHECK CHE; (A) referred to in United States Patent Number 58 2-2 1216 (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., __ £1e0 __ Application No. ... paper number __ (C), an application that maims the benefit of the filting cate of an application that is open to public inspection, i.e., Application No. (O) an application in which the applicant has filed an authorization to tay open the complete ביבום פרו ומ בים בים בים Please direct any correspondence concerning this request to the following address: 10-15 99 FOR PTC USE ONL

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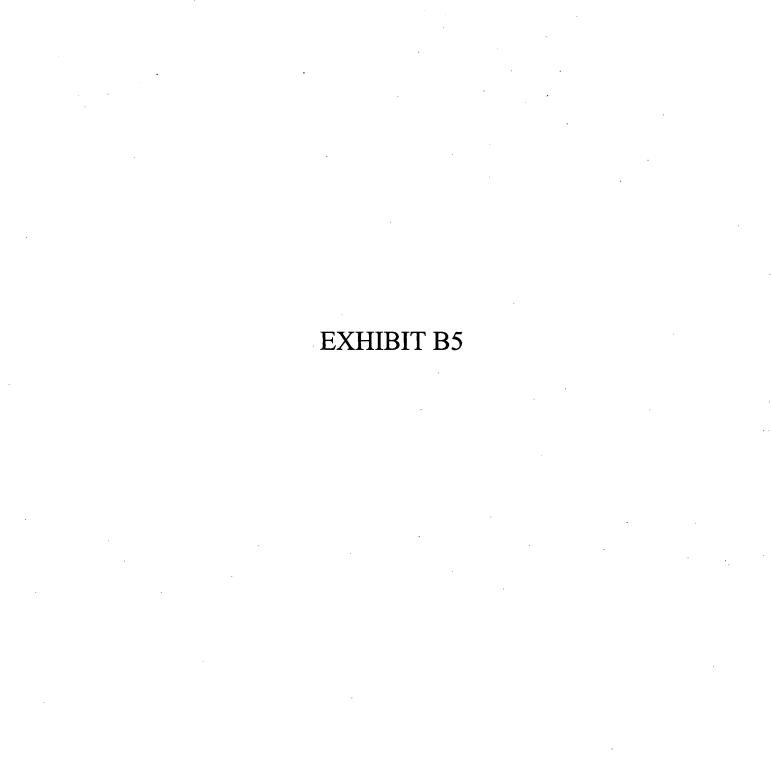
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I have not assigned, granted, conveyed or licensed and am under no obligate convey or license, any rights in the invention to any person who would not CFR 1.9(c) if that person had made the invention, or to any concern which concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9	qualify as a	in independent inventor under 37
Each person, concern or organization to which I have assigned, granted en- tion under contract or law to assign, grant convey, or license any rights in	nveyed, or l the invention	icensed or am under an obliga- n is listed below:
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I acknowledge the duty to file, in this application or patent, notification of thement to small entity status prior to paying, or at the time of paying, the dute after the date on which status as a small entity is no longer appropriate.	erliest of th	e issue fee or any maintenance fee
I hereby declare that all statements made herein of my own knowledge are tion and belief are believed to be true; and further that these statements we statements and the like so made are punishable by fine or imprisonment.	re made wit r both, unde	th the knowledge that willful false are section 1001 of Title 18 of the
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Assistant Commissioner for Patents Washington, DC 20231		
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United States Patent Number 53		
an International Application which was f	led on or aller Nov	, page, line
(B) referred to in an application that is open	to public inspectio	ness tie name line
1.14(e)(2)(i), i.e., Application No	p	aper No, page, line;
2. I hereby request access under 37 CFR 1. has filed an authorization to lay open the	14(e)(1) to an appli complete applicatio	cation in which the applicant in to the public.
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DAVID BROWN		FOR PTO USE ONLY
Typed or printed name		Approved by:
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of

James A. SATCHELL, Jr. et al.

Serial No.: 09/686,626

Filed: October 12, 2000

For VENDING MACHINE AND COMPUTER ASSEMBLY

RULE 131 DECLARATION FOR PATRICIA C.A. SATCHELL

My name is Patricia C.A. Satchell and am over the age of twenty-one years and if called to

testify would be competent to testify as to the following:

1. That based on personal knowledge and/or experience, I make the following

declaration that I am the wife of James A. Satchell, Jr., one of the co-inventors of the above-

identified application;

2. That based on personal observation, I saw James A. Satchell, Jr. prepare the

documents which were to become those documents subsequently date-stamped by the United States

Patent and Trademark Office on December 26, 1995;

3. That I have a clear recollection of James A. Satchell, Jr. asking me to type those

documents. I typed and/or otherwise prepared those documents which were to become the December

26, 1995, date-stamped by the United States Patent and Trademark Office documents in the time

period of October 20 to November 8, 1995;

Further, declarant sayeth not.

I further declare that all statements made herein of my own knowledge are true and that all

statements made on information and belief are believed to be true; and further that these statements

and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the reissue application or of any reissue patent to issue thereon.

Date

Residence: Tuskegee, Alabama

Citizenship: United States

Post Office Address: 1490 County Road 36, Tuskegee, Alabama 36083

EXHIBIT B6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of

Inventors: James A. SATCHELL, Jr. et al.

Original U.S. Patent No.: 5,822,216, issued October 13, 1998

Reissue Application Serial No.: 09/686,626

Group Art Unit: 2121

Reissue Application Filing Date: October 12, 2000

Examiner: S. Garland

For: VENDING MACHINE AND COMPUTER ASSEMBLY

DECLARATION OF ERIC P. ROBINS

I, Eric P. Robins, make this declaration:

- I am a registered patent attorney (Reg. No. 45,047) and an associate in the firm of Stevens, Davis, Miller & Mosher, LLP, who currently represents the re-issue Applicants.
- 2. I am familiar with the above-identified re-issue application and the rejections made therein.
- 3. On March 30, 2005, I accessed the Image File Wrapper, available at the Public PAIR portal through the web site of the United States Patent & Trademark Office.
- 4. Other than the annotations in the left margins, used to identify the documents attached hereto, the listing of documents (hereinafter the "Image File Wrapper page"), and the specific documents themselves, were printed directly from the Public PAIR portal on March 30, 2005.
- 5. The documents attached as Exhibits A-C, attached hereto, are true and accurate reproductions of documents from the Public PAIR portal which correspond to the respective annotations in the left margin of the Image File Wrapper page.

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I, further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the this application or of any reissue patent to issue thereon.

March 30), 2005	

Eric P. Robins

Date

Printer Friendly 09/686,626

Vending machine and computer assembly

Image File Wrapper

This application is officially maintained in electronic form. To View Clieb the desired Document Description. To Download and Print: Check the desired document(s) and click StartDownload.

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12-02-2004	Final Rejection	23
12-02-2004	Claims recorded on File Wrapper	1
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08-27-2003	Non-Final Rejection	18
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06-30-2003	Extension of time from Applicant - filed as separate letter	2
06-30-2003	Amendment - After Non-Final Rejection	1
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08-21-2002	Miscellaneous Internal Document	1
07-11-2002	Amendment - After Non-Final Rejection	1
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06-27-2002	Applicant Arguments or Remarks Made in an Amendment	3
06-27-2002	Oath or Declaration filed	2
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02-11-2002	Oath or Declaration filed	4
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12-17-2001	List of references cited by Examiner	. 1
.12-17-2001	List of References cited by Applicant	1
12-06-2001	Examiner's search strategy and results	2
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09-05-2001	Claim	5
09-05-2001	Applicant Arguments or Remarks Made in an Amendment	1
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10-12-2000	Search information including classification, databases and other search related notes	1
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	10-12-2000	Claim	4		
	10-12-2000	Abstract	1		
	10-12-2000	Oath or Declaration filed	4		
	10-12-2000	Bibliographic Data Sheet	× 1	. •	
	10-12-2000	Fee Worksheet (PTO-875)	1		
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	10-12-2000	Claims Worksheet (PTO-2022)	1		
	10-12-2000	Miscellaneous Incoming Letter	29		
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	06-13-1996	Extension of time from Applicant - filed as separate letter	1		
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	03-19-1996	Notice of Formal Drawings Required	1		
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•	11-08-1995	Specification	4		
	11-08-1995	Claim	. 1		
	11-08-1995	Claim	1		
	11-08-1995	Claim	1		
	08-17-1995	Artifact sheet indicating an item has been filed which cannot be scanned	1		
	08-17-1995	Issue Information on File Wrapper	1		
	08-17-1995	Search information including classification,	1		

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	databases and other search related notes		
08-17-1995	Claims recorded on File Wrapper	1	
- 08-17-1995	Drawings	· 4	
08-17-1995	Specification	3	
08-17-1995	Oath or Declaration filed	2	
08-17-1995	Bibliographic Data Sheet	1	
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08-17-1995	Fee Worksheet (PTO-875)	1	
05-24-1995	Miscellaneous Action with SSP	2	

Close Window

EXHIBIT A - CLAIM, November 8, 1995

APPLICATION #08/429,583 FILING DATE 08/17/95

Page #6

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will inter net/world wide wed, most types of vending machines, and the Soda-Machine Door into the entertainment/advertisement world. Soda-machine doors with still facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Adaptors for Internet/ World Wide Wed reception to Door.
- World Wide Wed reception to Door.

 I how have the wed reception to Door.

 I how have the wed reception to Door.

 I have the second the second that the combination Entertainment package design as a replacement door for existing soda machines. On this day 05/36/35
- I (), , after receiving, Foreign Filling License Granted 11/01/95, under 37 CFR 5.15(a) subsequently (make modifications, amendments, and supplements containing additional subject matter to, or divisions of,...). I claim this combination Entertainment/Advertisement package design as a replacement Door, for some, and a Primary Door for others, for these general public, entertaining, inform ational, Futuristic "On-Line" Billboard Vending Machine Doors. On this Day _ 11/3_/95___.

EXHIBIT B - SPECIFICATION, November 11, 1995

LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR APPLICATION #08/429,583 FILING DATE 08/17/95 PAGE #3 SPECIFICATIONS:

- MOTION DETECTOR: This censoring device serves as a trigger, for count-down to a Winner. When an individual passes this machine, it decreases from the owner's preset number to 0. (This machine can be preset to count a certain amount of people between each purchase, to eliminate a consistent trigger count-down. Also it can be set on a desired start-off number.) The winning number also activates the Celebration Motion Lights, the release of a free soda, and a free musical-cassette.
 - 2) VIDEO SCREEN: The screen has three service functions #1) The primary function of this screen is to service the Selection Panel's video needs. One function of the screen is to receive video from a laser-disc player. All materials (music-video) on laser-disc can be called-up from the Selection Panel to be viewed by potential Customers and Spectators.
 - 2) The second function of the screen is to provide video for the machine's Satellite Receiver. The Customer who has no music interest can view live up-dated News from CNN, or a new Cola News Network which transmits News, Sports, and upcoming 96'Summer Olympic Games to it's own machines. Screen receives all signals from Web-Sites transmitions over the internet/W.W.Web.
 - J) The third function of the Video Screen is to provide video for the camera, with a instant playback system. This system allows the customer to see their own street U-SING-ALONG performance.
 - 3) SPEAKERS: The function of the speakers on this machine is to provide audio for all video, laser-disc, satellite transmitted material, U-SING-ALONG recorded-playback, stereo sound from internet/W.W.wed Transmitions, and sound effects for the celebration.
 - 4) CELEBRATION MOTION LIGHTS: These lights are triggered by the final count-down number 0. First, a signal is sent to the top rotating lights, then to the moving Logo bottom neon-tube lights. The entire machine simultaneously celebrates the Winner with a display of lights, also with a soda-companies slogan musical video. The winner is awarded a free soda, and a free musical-cassette. (suggested--design; Logo of soda-company is to be placed into a transparent rectangular glass container, with neon, or moving celebration lights. This lighting effect placed in a glass housing creates a three-dimensional appearance of the companies Logo.)

- 5) A)SATELLITE ANTENNA: This satellite receiver antenna is the already designed type, and the same installation manual applies. A smaller type can be mounted on top of the machine. Or, a different type antenna can be mounted on top of a building, with a coaxial cable running from the antenna, to the satellite receiver, to the machine.
- B)INTERNET/WORLD WIDE WEB RECEPTACLE: Connection point.

 6) DIGITAL COUNTER/ A WINNER: This Counter is preset at a desire number, then it counts backwards to #0. When the counter reaches the number 0, it triggers the other systems to perform their assignments. Again, these assignments are; activation of the free soda release, the starting of the Celebration Motion Lights, and the release of one musical-cassette. The Digital Counter/ A Winner, depends on the data received from the Motion Detector.
- 7) SELECTION PANEL: This computer-linked controlled Panel serves as a function command center, which tells the machine it requested function. Along with the standard Soda-Selector, Bill Changer, Coin Receiver, Change Release This Machine's Selection Panel has three additional functions; (Three attachable components) A) The Musical Selection Function; (Laser-Disc-Player)
 - This function commands the Laser-Disc Player.

 (These laser-disc are produced by the sodacompany. They are distributed along with replaceable updated front selection cover on the regular distribution system.)

 A customer can select a certain Recording Artist for a 30 second musical video preview Also a number of soda company commercials can be previewed at a preset time.
 - B) The News Section Function; (Satellite Receiver)
 The News Section of this Panel operates at
 the press of it's key pad. The control
 memory gives a command to the Satellite
 receiver. A Customer then can observe 30
 seconds of a Satellite (Live) News Broadcast.
 (Internet/World Wide Web) News; key pad, calls
 - (Internet/World wide web) News; key pag, calls

 The U-SING-ALONG Section Function; (VCR Recorder)
 The U-SING-ALONG operates on a keypad based
 multi-panel, with a record/playback system.
 The machine's camera/microphone system records
 the Customer singing a selected song off the
 laser-disc Panel, (Performer sings video first
 then, the machine playsback the same music with
 a Q-beep for the Customer to sing.) The VCR
 designed with a digital-tape-stripping device,
 (VCR that digitally codes tape, for precise
 reference.) along with the machine's housed
 camera/microphone records the Customer trying
 to sing the Artist video, creating a Customer's

APPICATION #08/429/583 FILING DATE 08/17/95

version of the video. This Live, one shot
30 second street audition can be playedback
once, then stored to be reviewed by officials
for a series of soda T.V. commercials.

8)CASSETTE DISPENSER: This dispenser awards Winners musical cassettes from the participating Recording-Artist. It is triggered by the Digital Counter/ A Winner.

- 9)CAMERA SYSTEMS: The camera systems serves two purposes:
 #1) The primary function of the camera is to record the
 performances of the Customers. To capture to expres
 sions of the Winning Customer for T.V. commercial use.
 Also, to create a more direct relationship with customers.
 - #2) The secondary function of this camera is an optional feature. It can be used as a surveillance camera which supplies recorded video to other security equipment.
- 10) LASER-DISC PLAYER: Of the regular type; The Soda Company would contact a certain audio manufacturer, (Sony,RCA, Pioneer etc.) to request a specially designed Laser Disc Player, that can be controlled from a cabled Data Controlled Unit from the Drink Machine Door.
- 11) SATELLITE RECEIVER: Of the regular type; (same request can be controlled by a Data Controlled Unit, from Door.
- 12) DIGITAL VCR PLAYER: This special type video/audio recorder, has a precise video/audio digital tape stripping system which relocate tape on a number, therefore precision on requested rewind/playback. (Note: The Laser-Disc which contains prerecorded material from the Artist, are recorded with double tracks. The first track has the sound-track and video of the professional Artist performance, and is transferred from laser-disc to screen. The second track, has an instrumental track of the same Artist music. When the Q-1,2,1 light ends, the customer starts singing the lyric which appears across the screen. This performance is recorded by mic/cam-to VCR; Laser-Disc instrumental to VCR. This VCR recording can be Rewound for one spectator's review, then stored for company promotional use.
- 13) DATA CONTROL UNIT: The DCU is the brain, command module that controls instructional data between the Selectional Panel, and the Laser-Disc, Satellite Receiver, Digital VCR Player. It uses coaxial cables to make connections to internal and external sources.

APPLICATION #08/429,583 FILING DATE 08/17/95

Page #5a

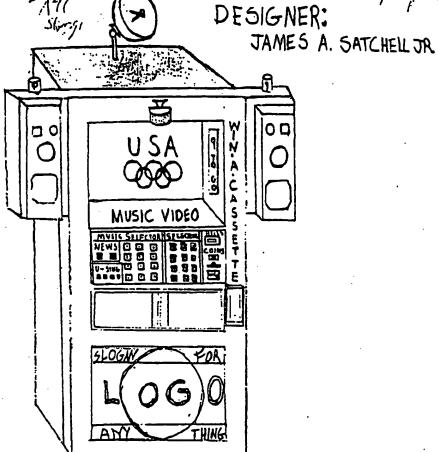
14) DCU & The Internet/World Wide Web: The Data Control Unit has compatible systems built within the unit to operate regular computer functions that will allow adaptability to computer commands from Web Sites which allow other progresses to be transmitted to the machine's doors.

Large chain stores can set-up Web Sites which transmitts various types of advertising to it's stores; Example: You pull open the door at a Walmart, K-mart, etc., there you see these new type vending-machine along with the rest of Video games, you are stopped by a vending machine that has audio/video on the door of the machine. The audio/video, welcome's you to the Store along with Total show-off of it's sale items, as well as store inventory Set-ups. Smaller Business can set-up Web-Sites too, but Individualized Disc can be cheaper. This information can come from the Web-Site of the Company, or a Laser Disc.

Live News Reports can be viewed just about anywhere one of these machines can be set-up. On the street, Bus, Train Stations, Airports, Offices, Hospitals, etc.

Putting, The World Wide Web/Internet systems to work in public places, Delivering most advantages of the PC, on a "LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR".

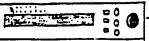
15) INDIVIDUALIZED BUSINESS ADVERTISING DISC: These personalized disc allows for businesses to showcase their business activities along with the product Manufacturer on the vending machine door. This may encourage businesses to put a machine on location, for self-on-location audio/ video advertising. LASER-DISIN AUSIC VIDEO DIGITAL FEIL (DRINK MACHINE DOOR)

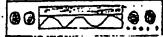


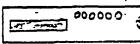
ISOMETRIC DRAWING

4 EXTERNAL DATA SOURCES

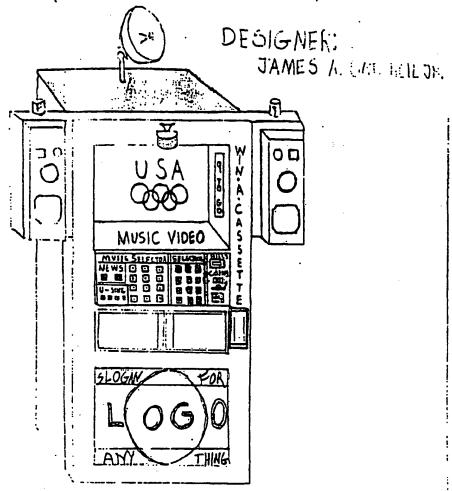
10) LAGER-DIÁL PLATER II) SATELLITE RECEIVER 12) DIGHAL VCR PLAYER





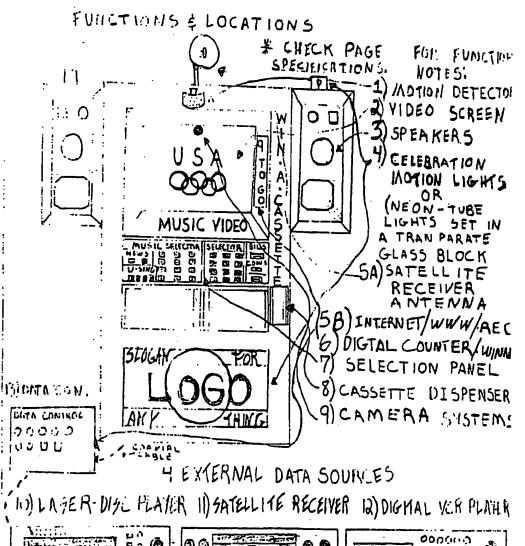


NOTE: THESE Y EXTERNAL DATA SOURCES ARE LINKED TO THE SODA DRINH MACHINE DOOR WITH A CABLE : THESE DATA SOURCE ARE KEPT INSIDE A BUILDING. : DESILE MACHINE DOOR)

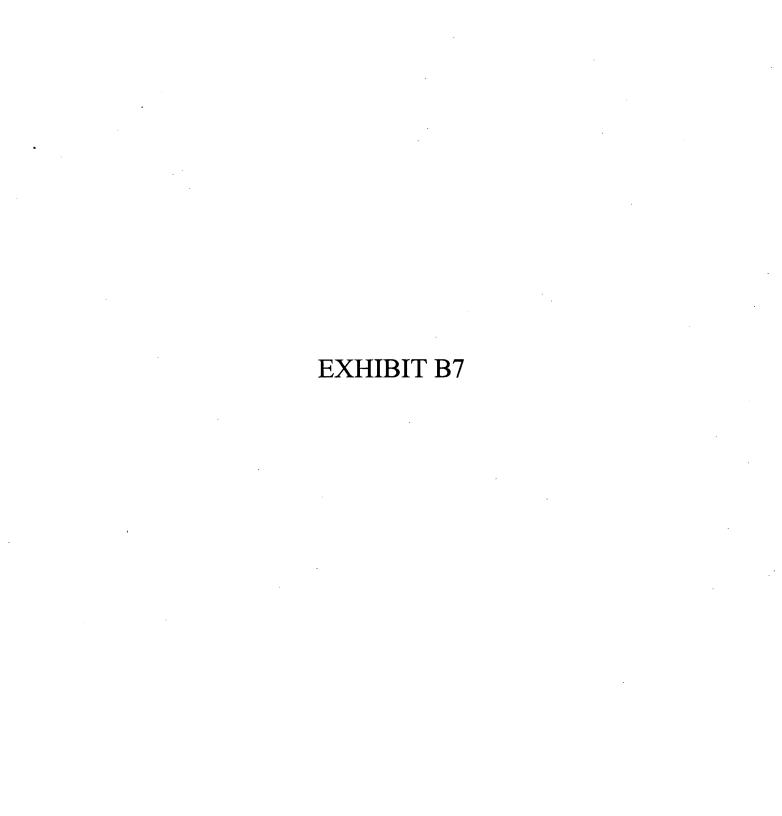


ISOMETRIC DRAWING

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TO THE SOURCE ARE KLAT INSIDE A BUILDING.



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Inventors: James A. SATCHELL, Jr. et al

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Group Art Unit: 2121

Reissue Application Filing Date: October 12, 2000

Examiner: S. Garland

For: VENDING MACHINE AND COMPUTER ASSEMBLY

DECLARATION OF ERIC P. ROBINS

L Eric P. Robins, make this declaration:

- I am a registered patent attorney (Reg. No. 45,047) and an associate in the firm of Stevens, Davis, Miller & Mosher, LLP, who currently represents the re-issue Applicants.
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March 30, 2005

Date

122167,2005

Eric P. Robins

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EXHIBIT B7

Printer Friendly 09/686,626

Vending machine and computer assembly

Image File Wrapper

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Mail Room Date	Document Description	Page Count
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	06-11-2003	Advisory Action (PTOL-303)	3
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	05-28-2003	Applicant Arguments or Remarks Made in an Amendment	14
	05-28-2003	Affidavit(s) (Rule 131 or 132) or Exhibit(s) Received	5 5
	05-28-2003	Affidavit(s) (Rule 131 or 132) or Exhibit(s) Received	55
	05-28-2003	Extension of time from Applicant - filed as separate letter	1
	04-28-2003	Examiner Interview Summary Record (PTOL - 413)	2
	01-28-2003	Final Rejection	19
	01-28-2003	List of references cited by Examiner	1
	11-26-2002	Amendment - After Non-Final Rejection	I
	11-26-2002	Claim	. 7
	11-26-2002	Applicant Arguments or Remarks Made in an Amendment	9
	11-26-2002	Affidavit(s) (Rule 131 or 132) or Exhibit(s) Received	4
	11-26-2002	Affidavit(s) (Rule 131 or 132) or Exhibit(s) Received	3
	08-26-2002	Non-Final Rejection	15
	08-26-2002	List of references cited by Examiner	- 1
	08-21-2002	Miscellaneous Internal Document	1
	07-11-2002	Amendment - After Non-Final Rejection	1
	07-11-2002	Applicant Arguments or Remarks Made in an Amendment	2
ŧ			

06-27-2002	Amendment - After Non-Final Rejection	2
06-27-2002	Claim	7
06-27-2002	Applicant Arguments or Remarks Made in an Amendment	3
06-27-2002	Oath or Declaration filed	2
03-27-2002	Non-Final Rejection	5
02-20-2002	Miscellaneous Action with SSP	1
02-13-2002	Miscellaneous Incoming Letter	2
02-13-2002	Oath or Declaration filed	6
02-11-2002	Amendment - After Non-Final Rejection	1
02-11-2002	Claim	1
02-11-2002	Applicant Arguments or Remarks Made in an Amendment	4
02-11-2002	Drawings	10
02-11-2002	Oath or Declaration filed	4
02-11-2002	Miscellaneous Incoming Letter	2
12-17-2001	Non-Final Rejection	11
12-17-2001	List of references cited by Examiner	1
12-17-2001	List of References cited by Applicant	1
12-06-2001	Examiner's search strategy and results	2
10-16-2001	Examiner's search strategy and results	8
09-05-2001	Amendment - After Non-Final Rejection	1
09-05-2001	Claim	5
09-05-2001	Applicant Arguments or Remarks Made in an Amendment	1
03-07-2001	Information Disclosure Statement	1
12-11-2000	Miscellaneous Incoming Letter	1
12-11-2000	Oath or Declaration filed	2
10-12-2000	Issue Information on File Wrapper	i
10-12-2000	Search information including classification, databases and other search related notes	1
10-12-2000	Claims recorded on File Wrapper	1
10-12-2000	Transmittal letter	2

10-12-2000	Drawings	10	
10-12-2000	Specification	9	
10-12-2000	Claim	4 .	
10-12-2000	Abstract	1	
10-12-2000	Oath or Declaration filed	4	
10-12-2000	Bibliographic Data Sheet	1	
10-12-2000	Fee Worksheet (PTO-875)	1	l
10-12-2000	Fee Worksheet (PTO-875)	1	
10-12-2000	Claims Worksheet (PTO-2022)	- 1	
10-12-2000	Miscellaneous Incoming Letter	·29	
10-12-2000	Miscellaneous Incoming Letter	29	
07-19-2000	Miscellaneous Internal Document	1	
06-28-2000	Miscellaneous Internal Document	1	
03-20-2000	Miscellaneous Internal Document	1	
10-15-1999	Miscellaneous Internal Document	1	
07-30-1999	Miscellaneous Internal Document	1	
10-23-1996	Abandonment	1	
09-18-1996	Extension of time from Applicant - filed as separate letter	1	
06-13-1996	Extension of time from Applicant - filed as separate letter	1	
03-19-1996	Non-Final Rejection	6	
03-19-1996	List of references cited by Examiner	1	
03-19-1996	Notice of Formal Drawings Required	1	
12-26-1995	Miscellaneous Incoming Letter	5	
11-08-1995	Specification	4	
11-08-1995	Claim	1	
11-08-1995	Claim	1	į
11-08-1995	Claim	1	. 1
08-17-1995	Artifact sheet indicating an item has been filed which cannot be scanned	1	
08-17-1995	Issue Information on File Wrapper	i	
08-17-1995	Search information including classification,	1	

A-

		databases and other search related notes		
	08-17-1995	Claims recorded on File Wrapper	1	
C-	08-17-1995	Drawings	4	
	08-17-1995	Specification	3	
	08-17-1995	Oath or Declaration filed	2	
	08-17-1995	Bibliographic Data Sheet	1	
	08-17-1995	Fee Worksheet (PTO-875)	1 .	
	08-17-1995	Fee Worksheet (PTO-875)	1	
•	05-24-1995	Miscellaneous Action with SSP	2	

Close Window

EXHIBIT A - CLAIM, November 8, 1995

APPLICATION #08/429,583 FILING DATE 08/17/95

Page 16

Laser-Disc Music Video Coor (Drink Machine Door) Claims

What I claim as my invention is: Something that will inter net/world wide wed, most types of vending machines, and the Soda-Machine Door into the entertainment/advertisement World. Soda-machine doors with still facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Orink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Adaptors for Internet/ World Wide Wed reception to Door.

World Wide Wed reception to Door.

I home (helpfolin , claim this combination Entertainment package design as alreplacement door for existing soda machines. On this day 05/36/45

I http://www.parts.com/par



EXHIBIT B - SPECIFICATION, November N, 1995

LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR
APPLICATION 808/429,583 FILING DATE 08/17/95 PAGE #3
ESPECIFICATIONS:

right worlow detector: This censoring device serves as a trigger, for count-down to a Winner. When an individual passes this machine, it decreases from the owner's preset number to 0. (This machine can be preset to count a certain amount of people between each purchase, to eliminate a consistent trigger count-down. Also it can be set on a desired start-off number.) The winning number also activates the Celebration Motion Lights, the release of a free soda, and a free musical-cassette.

- 2) VIDEO SCREEN: The screen has three service functions fl) The primary function of this screen is to service the Selection Panel's video needs. One function of the screen is to receive video from a laser-disc player. All materials (music-video) on laser-disc can be called-up from the Selection Panel to be viewed by potential Customers and Spectators.
 - 2) The second function of the screen is to provide video for the machine's Satellite Receiver. The Customer who has no music interest can view live up-dated News from CNN, or a new Cola News Network which transmits News, Sports, and upcoming 96'Summer Olympic Games to it's own machines. Screen receives all signals from Web-Sites transmitions over the Internet/W.W.Web.
 - 3) The third function of the Video Screen is to provide video for the camera, with a instant playback system. This system allows the customer to see their own street U-SING-ALONG performance.
- 3) SPEAKERS: The function of the speakers on this machine is to provide audio for all video, laser-disc, satellite transmitted material, U-SING-ALONG recorded-playback, stereo sound from internet/W.W.Wed Transmitions, and sound effects for the celebration.
- 4) CELEBRATION MOTION LIGHTS: These lights are triggered by
 the final count-down number 0. Pirst, a signal is sent
 to the top rotating lights, then to the moving Logo bottom
 neon-tube lights. The entire machine simultaneously
 celebrates the Winner with a display of lights, also
 with a soda-companies slogan musical video. The
 winner is awarded a free soda, and a free musicalcassette. (suggested--design; Logo of soda-company
 is to be placed into a transparent rectangular glass
 container, with neon, or moving celebration lights.
 This lighting effect placed in a glass housing
 creates a three-dimensional appearance of the
 companies Logo.)

- 5) A)SATELLITE ANTENNA: This satellite receiver antenna is the already designed type, and the same installation manual applies. A smaller type can be mounted on top of the machine. Or, a different type antenna can be mounted on top of a building, with a coaxial cable running from the antenna, to the satellite receiver, to the machine. B)INTERNET/WORLD WIDZ WEB RECEPTACLE: Connection point.
- 6) DIGITAL COUNTER! A WINNER: This Counter is preset at a desire number, then it counts backwards to #0. When the counter reaches the number 0, it triggers the other systems to perform their assignments. Again, these assignments are; activation of the free soda release, the starting of the Celebration Motion Lights, and the release of one musical-cassatte. The Digital Counter! A Winner, depends on the data received from the Motion Detector.
- 7) SELECTION PANEL: This computer-linked controlled Panel serves as a function command center, which tells the machine it requested function. Along with the standard Soda-Selector, Bill Changer, Coin Receiver, Change Release This Machine's Selection Panel has three additional functions; (Three attachable components)
 - A) The Musical Selection Function; (Laser-Disc-Player)
 This function commands the Laser-Disc Player.
 (These laser-disc are produced by the sodacompany. They are distributed along with
 replaceable updated front selection cover
 on the regular distribution system.)
 A customer can select a certain Recording
 Artist for a 10 second musical video preview
 Also a number of soda company commercials
 can be previewed at a preset time.
 - B) The News Section Function; (Satellite Receiver)
 The News Section of this Panel operates at
 the press of it's key pad. The control
 memory gives a command to the Satellite
 receiver. A Customer then can observe 30
 seconds of a Satellite (Live) News Broadcast.
 (Internet/World Wide Web) News; key pad, calls
 - C) The U-SING-ALONG Section Function; (VCR Recorder)
 The U-SING-ALONG operates on a keypad based
 aulti-panel, with a record/playback system.
 The machine's camera/microphone system records
 the Customer singing a selected song off the
 Laser-disc Panel, (Performer sings video first
 then, the machine playsback the same music with
 a Q-beep for the Customer to sing.) The VCR
 designed with a digital-tape-stripping device,
 (VCR that digitally codes tape, for precise
 reference.) along with the machine's housed
 camera/microphone records the Customer trying
 to sing the Artist video, creating a Customer's

APPICATION \$08/429/583 FILING DATE 08/17/95

version of the video. This Live, one shot

10 second street audition can be playedback
once, then stored to be reviewed by officials
for a series of soda T.V. commercials.

8)CASSETTE DISPENSER: This dispenser awards Winners musical cassettes from the participating Recording-Artist. It is triggered by the Digital Counter/ A Winner.

- 9)CAMERA SYSTEMS: The camera systems serves two purposes:

 #1) The primary function of the camera is to record the performances of the Customers. To capture to expressions of the Winning Customer for T.V. commercial use.

 Also, to create a more direct relationship with customers.
 - #2) The secondary function of this camera is an optional feature. It can be used as a surveillance camera which supplies recorded video to other security equipment.
- 10) LASER-DISC PLAYER: Of the regular type; The Soda Company would contact a certain audio manufacturer, (Sony,RCA, Pioneer etc.) to request a specially designed Laser Disc Player, that can be controlled from a cabled Data Controlled Unit from the Orink Machine Door.
- 11) SATELLITE RECEIVER: Of the requiar type; (same request can be controlled by a Data Controlled Unit, from Door.
- 12) DIGITAL VCR PLAYER: This special type video/audio recorder, has a precise video/audio digital tape stripping system which relocate tape on a number, therefore precision on requested rewind/playback,! Note: The Laser-Disc which contains prerecorded material from the Artist, are recorded with double tracks. The first track has the sound-track and video of the professional Artist performance, and is transferred from laser-disc to screen. The second track, has an instrumental track of the same Artist music. When the Q-1,2,3 light ends, the customer starts singing the lyric which appears across the screen. This performance is recorded by sic/cam-to VCR; Laser-Disc instrumental to VCR. This VCR recording cam be Rewound for one spectator's review, then stored for company promotional use.
- 13) OATA CONTROL UNIT: The DCU is the brain, command module that controls instructional data between the Selectional Panel, and the Laser-Disc, Satellite Receiver, Digital VCR Player. It uses coaxial cables to make connections to internal and external sources.

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Page #5

14) OCU & The Internet/World Wide Web: The Data Control Unit has compatible systems built within the unit to operate regular computer functions that will allow adaptability to computer commands from Web Sites which allow other progresses to be transmitted to the machine's doors.

Large chain stores can set-up Web Sites which transmitts various types of advertising to it's stores; Example: You pull open the door at a Walmart, K-mart, etc., there you see these new type vending-machine along with the rest of Video games, you are stopped by a vending machine that has audio/video on the door of the machine. The audio/video, welcome's you to the Store along with Total show-off of it's sale items, as well as store inventory Set-ups. Smaller Business can set-up Web-Sites too, but Individualized Disc can be cheaper. This information can come from the Web-Site of the Company, or a Laser Disc.

Live News Reports can be viewed just about anywhere one of these machines can be set-up. On the street, Sus, Train Stations, Airports, Offices, Hospitals, etc.

Putting, The World Wide Web/Internet systems to work in public places, Dalivering most advantages of the PC, on a "LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR".

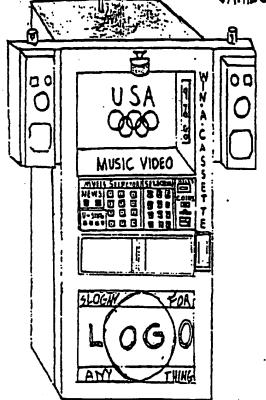
15) INDIVIDUALIZED BUSINESS ADVERTISING DISC: These personalized disc allows for businesses to showcase their business activities along with the product Manufacturer on the vending machine door. This may encourage businesses to put a machine on location, for self-on-location audio/ video advertising. EXHIBIT C- DRAWINGS, August 17, 1995

DRINK MACHINE DOOR)

DESIGNER:

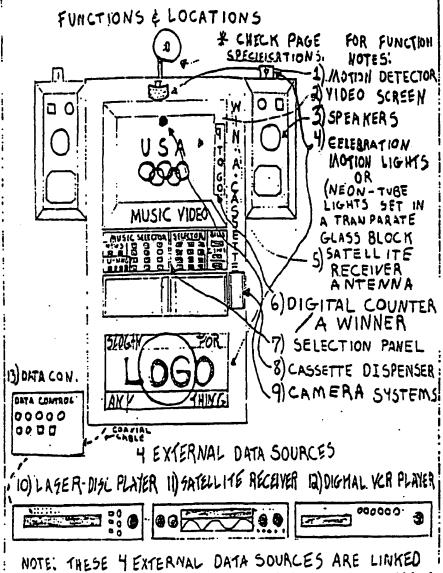
JAMES A. SATCHELL JR





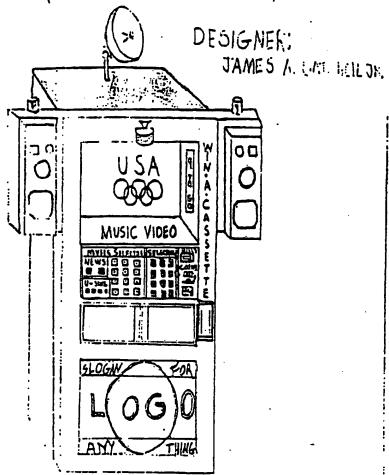
ISOMETRIC DRAWING





TO THE SODA DRINK MACHINE DOUR WITH A CABLE: THESE DATA SOURCE ARE KEPT INSIDE A BUILDING. :

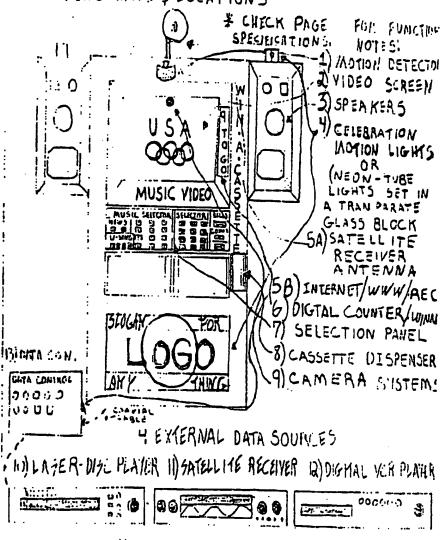
(BRIDE MACHINE DOOR)



ISOMETRIC DRAWING

INT ELE

FUNCTIONS & LOCATIONS



THE HEALTHAND DATA SOURCES ARE LIMITED TO THE BODYA DRINK MACHINE DOOR WITH A CABLE THISE DATA SOURCE ARE NEPT INSIDE A BURDING.



AND 31 MG STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of

James A. SATCHELL, Jr. et al

Serial No.: 09/686,626

Filed: October 12, 2000

For: VENDING MACHINE AND COMPUTER ASSEMBLY

DECLARATION OF JAMES A. SATCHELL, JR. UNDER 37 C.F.R. §1.131

1. I, James A. Satchell, Jr., am one of the co-inventors of the above-identified application and am familiar with the application and the prosecution history thereof, including the Office Action mailed May 20, 2004;

2. I understand from paragraph 3 (on page 6 of the Office Action mailed May 20, 2004) that the Examiner has accepted the Supplemental Declaration by Dora Stroud as a showing of conception prior to the filing date of the Sokal reference applied in a rejection of the claims of the presently pending application:

3. It is also my understanding from paragraph 4 (on page 6 of the Office Action mailed May 20, 2004) that the Examiner has stated that diligence has not been shown for the time period from just prior to the filing date of October 10, 1995, of the Sokal reference to the March 19, 1996, rejection in the parent application serial number 08/429,583:

- 4. The Examiner has accepted diligence from the rejection of March 19, 1996, until the filing of the parent application serial number 08/715,232;
- 5. Accordingly, I am filing this Declaration in connection with the entire period from just prior to the filing date of October 10, 1995, of the Sokal reference to March 19, 1996, accounting for the time by either affirmative acts or acceptable excuses to overcome the Sokal patent as a reference:
- 6. That just prior to October 10, 1995, I was working on the concept of a vending machine, such as a drink or soda machine, that would, via the internet and the world wide web, bring the vending machine into the entertainment world.
- 7. At about that time, the concept of the internet with a worldwide web, e.g., websites, was just emerging and my invention was the first to propose the use of a vending machine as a doorway for the public to reach websites, via the internet, on the worldwide web.
- 8. As evidence of such work, I attach as Exhibit A to this Declaration a copy of a submission I made to the Coca Cola Company, together with an additional drawing, a copy of my parent application 08/429,583 and additional written description.
- 9. That immediately prior and subsequent to the date of October 10, 1995, I was resident in Tuskegee, Alabama, upon which Hurricane Opal descended, which caused an electrical black-out

in and around my residence of Tuskegee, Alabama; the power was out from Thursday, October 5th, with power being restored on Wednesday, October 18, 1995. Attached as Exhibit B is a copy printed by me from the internet on June 8, 2004, on the report on Hurricane Opal which made landfall on the Tuskegee area Wednesday, October 4, 1995;

- 10. From Friday, October 20 through Wednesday, November 8, 1995, I worked on resubmission of my application papers in the aforementioned parent patent application 08/429,583, which submission was to become the document date-stamped by the United States Patent and Trademark Office on December 26, 1995 (unless otherwise stated forth herein, every Sunday during the relevant time period was a worship day, as I am a minister in my church):
- 11. A declaration of my wife, Mrs. Patricia C.A. Satchell, is attached hereto confirming my preparation of the documents which subsequently became date-stamped on December 26, 1995. by the United States Patent and Trademark Office, who saw me prepare the text of these papers and assisted me by typing the documents, is submitted herein as Exhibit C.
- 12. I mailed this document to the United States Patent and Trademark Office on November 8, 1995, which subsequently received and date-stamped the document on December 26, 1995;
- 13. On November 1, 1995, the United States Patent and Trademark Office also mailed to me a foreign filing license (Exhibit D) and as evidence thereof. I executed Exhibit E dated

November 8, 1995, which uses the term "on-line" billboard to describe vending machine doors, as well as my *pro se* attempt at drafting patent claims on November 4, 1995 (Exhibit F). I continued my study of the continuing evolution of the internet on November 9-11, including study of a bill in Congress, H.R. 1506 and study on vending equipment networking.

- 14. In order to bring my invention into an actual reduction to practice, i.e., network vending machines via the internet, I began construction of a "host office" and further reference herein to host office means that part of the invention.
- 15. The next week, November 13th and 17th, I worked for eight hours on November 13th and November 17th and, additionally, received a November 9, 1995, letter (Exhibit G) from the Coca Cola Company in response to my September 18, 1995, letter. I spoke with Coca Cola's patent administrator, Kathy Driscoll, which started my search interest in several sources of other alleged internet/worldwide web vending machine patents. Saturday, November 18, 1995, was a family day, as was the following week, Thursday. November 23-25, which was Thanksgiving weekend;
- 16. On Monday, November 20th and 21st, I worked eight hours each day at the host office and on Wednesday, November 22nd, I had fourteen hours of travel to West Palm Beach, Florida, for the aforementioned Thanksgiving weekend, which was a family-long weekend in Florida and fourteen hours travel back to my residence on Sunday. November 26, 1995.

- 17. On Monday, November 27, 1995, I worked eight hours at the host office and for the last three days of the month, Tuesday, November 28-Thursday, November 30, I did research on Coca Cola patents, locating U.S. Patent 4,412,292, and continued my search for other patents in connection with my invention. On Friday and Saturday, December 1st and 2nd, 1995, I worked on animation (disclosure not revealed) in connection with my invention and continued my study of H.R. 1506;
- 18. On Monday, December 4, 1995, through Thursday, December 7, 1995, I conducted a research and development trip to the World of Coca Cola (Exhibit H), return from trip and several telephone conversations with Ms. Kathy Driscoll, the patent administrator of the Coca Cola Company, several times during this week. On Friday, I worked eight hours at the host office. On Saturday, December 9, 1995, I continued work on a soda-internet island.
- 19. Additionally, in the time period beginning December 4th, I began a search for an attorney to assist me in the prosecution of my invention before the United States Patent and Trademark Office and continued the search each week of December 4th, December 11th, December 18th, and again December 26th, 1995. In this time frame, I talked with several attorneys in Alabama, but none was able to assist me in connection with prosecution of my application in front of the United States Patent and Trademark Office.
- 20. On Saturday, December 18, 1995, I worked on animation (not disclosed) and continued my research and development study of H.R. 1506.

- During the week of December 18th to December 22nd, 1995, I designed what was later to be known as VendoNet, Inc. (the assignee of the present application) for a networking solution, including the concept of cable, satellite and phone line connections for implementing the present invention.
- 22. On Saturday, December 23rd, I continued work on the vending/internet entrance door for the invention.
- 23. Sunday, December 24th, as well as Monday. December 25th (and the following Sunday and Monday (December 31st and January 1st were worship days and national holidays).
- 24. From Tuesday, December 26th to Friday. December 29th, 1995, I continued working on VendoNet's networking solution, including work on animation (disclosure secret) in connection with the invention.
- Additionally, for two hours on each of those days, I worked at the host office building and continued my study of the changing internet as reported in the article Mix Plus (Exhibit I).
- 26. On Saturday, December 30th, I studied the following hardware in connection with implementing the invention:
 - (A) cable;
 - (B) satellites; and

(C) phone/modem.

- 27. Monday, January 1, 1996 (New Years Day) starts a twelve day church revival continuing through Friday, January 12, 1996. On Saturday, January 13 th, I made a payment for speaker/modules used in R&D tests.
- 28. On Monday, January 15, 1996, I began a new job, which was full time, eight hours per day, 40 hour week, at Conner Bros. Construction Company, Inc. and attach as Exhibit J my paystubs and, as Exhibit K, statement of Denise Shields, Payroll Administrator, for Conner Bros. Construction Company, which full-time job continued through July 30, 1997.
- 29. However, despite working a full-time job, I continued to work on the invention and on Saturday, January 20, 1996, spend eight hours working on the host office.
- 30. The week of January 22-January 26th, continued the Coke patent searching, as well as spending three hours per day working on the host office.
 - 31. On Saturday, January 27, 1996, I continued research on H.R. 1506.
- 32. During the week of January 29-31st, I continued my Coke patent searching, as well as spending three hours per day on the host office in addition to my full-time, eight hour per day, new job.

- 33. On Thursday and Friday, February 1st and 2^{sd}, I spend two hours each day (in addition to my full-time job) in working on a logo company name and slogans in connection with anticipated use of the invention.
- 34. On Saturday, February 3rd, I spend eight hours working at the host office and during the week of February 5th-10th, continued my research and development on the remote monitoring of vending machines, including study of the Coca Cola Company's old patent 4,412,292.
- 35. During the week of February 12th 16th, I continued my research and development on Monday in connection with the internet/www evolution. On Tuesday I studied the military use of the internet evolution. On Thursday, I spent time studying for the commercial online service use of the internet changing and on Friday, the mass of individual networking use of the internet evolution.
- 36. During the week of February 19th 23rd, I continued my research and development on the PC/Computing Online Services versus the web which discussed abandonment of the original "business model" to "expand the features and improve the usability of their client's software" now changing from online service/internet to internet/worldwide web.
- 37. On Saturday, February 24th, I continued my research and development as to H.R. 1506.

- 38. During the last four days of February (26th 29th), 1996, I continued research and development on an article from PC/Computing (online service versus the web), as well as working two hours each day on the host local office site.
- 39. On Friday, March 1, 1996, I concluded my research and development of online services/internet, which is different than internet/worldwide web and on Saturday, March 2, 1996, made a change to my drawing (Exhibit L).
- 40. On Monday, March 4th, I worked two hours on graphics in connection with the proposed company name, logos and slogans.
- On Tuesday, March 5 through Friday, March 8th, 1996, I continued work on selector buttons that could be pressed by customer to view, pay, to buy product, manufactured directly by me as well as spending two hours each day working on the host office and eight hours on Saturday, March 9, 1996, working on the host office.
- 42. During the week of March 11th 15th, I worked two hours each day working on the host office, as well as continuing my search for more Coke patents and on Saturday, March 16th, continued research on H.R. 1506.
- 43. Lastly, on March 18th, 1996, I spent two hours working on the host office, as well as sketchbook drawings which is attached as Exhibit M.

44. The foregoing outlines my diligence for the entire period between October 10, 1995 to March 19, 1996, in connection with the continued development of my invention in order to bring it to an actual or constructive reduction to practice.

Further, declarant sayeth not.

I, as undersigned co-inventor, further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the reissue application or of any reissue patent to issue thereon.

08/10/04 Date

James A. Satchell, Jr.

Residence: Tuskegee, Alabama

Citizenship: United States

Post Office Address: 1490 County Road 36, Tuskegee, Alabama 36083



EXHIBIT A

I, the undersigned, have read and fully understand the POLICY FOR SUBMISSION OF IDEAS AND SUGGESTIONS BY PERSONS OUTSIDE THE COCA-COLA COMPANY.

I agree to each of the Terms and Conditions identified on the reverse side of this Agreement. I understand and agree that, unless a formal written contract is subsequently entered into between me and the Company, no obligation of any kind is assumed by, nor may be implied against, the Company in connection with my submission or any additional materials which I may submit in connection with my submission, and then the only obligation assumed shall be that expressly stated in such subsequent contract.

I further understand and agree that my submission is voluntarily made, and no relationship of trust or confidence exists between me and the Company, nor is such relationship created or implied in connection with my submission.

I do not, by this Agreement or my submission, grant to the Company any rights under any patents, trade marks or copyrights I now have or may later obtain in connection with the submission. Of course, if my submission bears the Company's trademarks or utilizes the Company's other intellectual property, such as copyrights or patents, I understand that I cannot manufacture, sell or distribute these items without explicit written authorization from the Company to do so.

In consideration of the Company evaluating my idea. I hereby release the Company and its officers, directors, and employees, from any liability for its use, if any, except such liability as may arise under patent, trademark or copyright law, or under the law governing a subsequent written contract as herein provided. ...

in accordance with the Company's Policy, I herewith submit, for the Company's consideration, the following idea or suggestion which I have originated and which I represent is new, and which I have a legal right to submit to the Company.

· • ÷ — •	• , .
Idea or Suggestion Submission: LET'S	SURPRISE THE WORLD.
COULD YOU IMAGINE T	THE FACES OF PEOPLE WHEN
THEY ARRIVE AT AIRP	ORTS, BUS-STATIONS ETC., BEING
WELCOMED TO THE 96 OLYMPIL	GAMES BY A "LASER-DISC MUSIC
VIDEO DILITAL DRINK MACHINE	DOOR PEOPLE STOPPING!! LOOKNE!! BYING.
AS A MACHINE WITH MOTION PIC	TURES & STERED SOUND ENTERTAIN THEM
WITH GAME SITE LOCATIONS	NEWS, MUSICAL VIDEOS, SODA
	E TO BE SEEN ON T.V., AN OPTIONAL
REPLACEMENT DAR END U	ENOR-OWERS CAN SHARE THIS FUN FOR
CATTALUED SUCTED DIVIN	ENON-DWEND CAN SMAKE THIS FUN FOR F
(ATTACHED SHEETS) Please artach additional shi	eets of descriptive matter if necessary.)
Date: 9/18/95	Signature: Oames a. Databell M.
	Print Name: JAMES A. SATCHEILTTR.
	Address: 1490 COUNTY RD 36
	TYSKEGEE AL. 36083
M -OL : 9 -L	· · · · · · · · · · · · · · · · · · ·
Witness =! Signature: Man otricia Anie	hall Witness = 2 Signature: Fine and 5. Satelle
Print Name: Patricia Satche	Print Name: KIND ANCE L. SATCHELLI"
Address: 14900 nunty Rd 36	
Address: 1440 Chutty Ra 3608	Address: 1007 Scrmain, Tusk. 46

RETURN THIS FORM TO:

The Coca-Cola Company Senior Patent and Technology Counsel Patent and Technology Law Department P.O. Drawer 1734 Artunia, Georgia 30301

AGREEMENT

I, the undersigned, have read and fully understand the POLICY FOR SUBMISSION OF IDEAS AND SUGGESTIONS BY PERSONS OUTSIDE THE COCA-COLA COMPANY.

I agree to each of the Terms and Conditions identified on the reverse side of this Agreement. I understand and agree that, unless a formal written contract is subsequently entered into between me and the Company, no obligation of any kind is assumed by, nor may be implied against, the Company in connection with my submission or any additional materials which I may submit in connection with my submission, and then the only obligation assumed shall be that expressly stated in such subsequent contract.

I further understand and agree that my submission is voluntarily made, and no relationship of trust or confidence exists between me and the Company, nor is such relationship created or implied in connection with my submission.

I do not, by this Agreement or my submission, grant to the Company any rights under any patents, trademarks or copyrights I now have or may later obtain in connection with the submission. Of course, if my submission bears the Company's trademarks or utilizes the Company's other intellectual property, such as copyrights or patents, I understand that I cannot manufacture, sell or distribute these items without explicit written authorization from the Company to do so.

In consideration of the Company evaluating my idea, I hereby release the Company and its officers, directors, and employees, from any liability for its use, if any, except such liability as may arise under patent, trademark or copyright law, or under the law governing a subsequent written contract as herein provided.

In accordance with the Company's Policy, I herewith submit, for the Company's consideration, the following idea or suggestion which I have originated and which I represent is new, and which I have a legal right to submit to the Company.

Idea or Suggestion Submission:

(Please attach additional sheets of descriptive matter if necessary.)

Date:

Print Name:

Address:

Witness #1 Signature:

Print Name:

Address:

Address:

Address:

RETURN THIS FORM TO:

The Coca-Cola Company
Senior Patent and Technology Counsel
Patent and Technology Law Department
P.O. Drawer 1734
Atlanta, Georgia 30301

By signing a copy of this Agreement on the reverse side, the submitter agrees to the following Terms and Conditions.

1. Patent, Trademark and Copyright Protection

The Company has no desire to appropriate unfairly the unprotected ideas or suggestions of others. Therefore, the Company prefers to consider ideas already protected by the submitter by a Patent, Patent application, a Trademark Registration, or a Copyright Registration, as may be applicable. If the submitter represents that applications or registrations for patents, trademarks or copyrights exist or have been filed, the submitter should attach a list of all such applications and registrations including the serial number, the date of application or registration, the date of publication, and a copy of the certificate of issuance, if applicable. The submitter understands and agrees that the Company retains the full right to contest the validity or infringement or violation of any patent, trademark or copyright relating to any submission, it being the intention herein that the submitter's sole remedy shall be that provided under applicable patent, trademark and copyright laws. The submitter should also understand that disclosure of an inventive part of the idea or suggestion without an obligation of confidentiality, as is the case here, before filing a patent application, may destroy patent rights in many countries.

If the submitter chooses to submit an idea that is unprotected by a Patent, Patent application, Trademark Registration, or a Copyright Registration, the submitter understands and agrees that, if it should be alleged that despite the Terms and Conditions identified in this Agreement, the Company has incurred any liability with respect to the submission, the submitter will in no event assert a claim in excess of \$2,000.00 to cover all damages alleged to have been sustained.

The submitter further understands and agrees that consideration by the Company of the idea or suggestion shall in no way be deemed an admission on the part of the Company that the idea or suggestion is novel, useful or original with the submitter. The submitter further understands and agrees that the Company shall have full and sole authority to determine whether and to what extent the submission is commercially valuable to the Company.

2. No Confidentiality or Secrecy

The submitter understands and agrees that no submitted idea or suggestion is accepted with a reservation or condition which implies that the submission is made in confidence. The Company cannot agree to hold a submission in confidence or as a trade secret. The submitter also understands and agrees that no confidential relationship exists or is established between the submitter and the Company, and the Company is free to disclose or use the submission as it deems fit.

3. No Obligation to Consider Submission

While the Company attempts to respond to all submissions in due course, the submitter understands and agrees that the Company is under no obligation to give the submitted material any consideration and will give the submission only such consideration as the Company deems appropriate. The Company is under no obligation to reveal the degree of consideration it may have given the material, or to state any reason for rejection, or to return any material to the submitter.

1. Compensation

The submitter understands and agrees that this Agreement contemplates no promise to pay submitter any money and that no agreement to compensate the submitter is to be implied from the Company's consideration of the submission or from failure of the Company to respond after such submission is made. If the Company determines that any particular idea or suggestion submitted is of interest, the Company may, in its sole discretion, enter into negotiations with the submitter to arrive at a mutually satisfactory basis for compensation for the submitted idea or suggestion, and for such rights, if any, as may pertain to its use. The submitter understands and agrees, however, that the Company is not obligated to pay any compensation whatsoever, absent a written contract for the use of any idea or suggestion. If no written agreement for the use of the idea or suggestion is entered into, and the submitter believes the Company has unfairly adopted the idea or suggestion, the submitter understands and agrees that the sole remedy shall be an action under applicable patent, trademark or copyright laws.

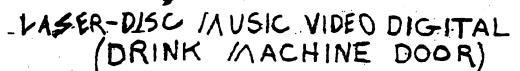
Entire Agreement

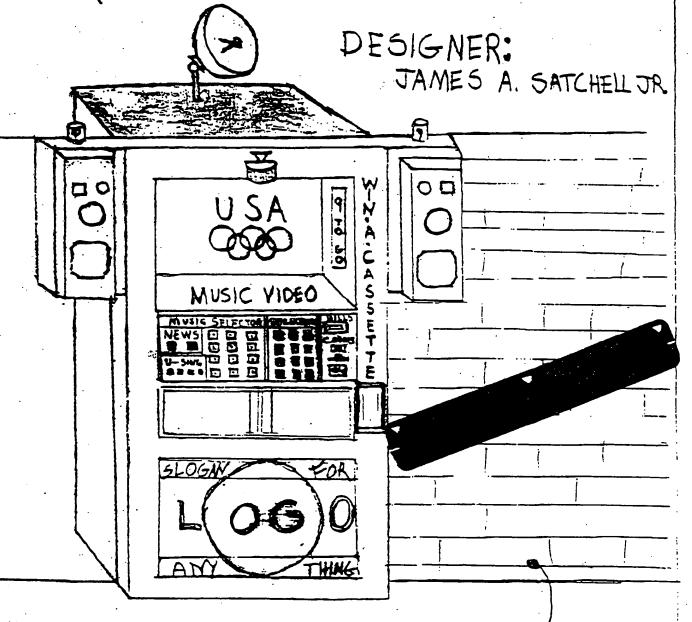
This Agreement represents the entire understanding between the parties; that is to say, any and all prior negotiations or agreements by any agent or representative of the Company are merged into this Agreement, and no such prior representation, negotiation or agreement shall be binding on the Company or have any force or effect. It is fully understood this Agreement may not be modified, changed, or waived except in a written document duly executed by a Senior Officer of the Company.

Applicable Law

This Agreement shall be deemed to have been made and shall be governed by the laws of the State of Georgia, U.S.A., except for patents, trademarks and copyrights, which shall be governed by and under the applicable patent, trademark and copyright laws.

PAGE I





ISOMETRIC DRAWING

DOOR MOUNTED ON WALL (EXTERIOR)
WITH DIFFERENT TYPE COOLING/ HOUSING STITEM

Design Proposal for Packaging/Entertainment

To: The Coca-Cola Company, P.O. Draw 1734 Atlanta Ga.30301 Senior Patent and Technology Counsel Patent and Technology Law Department

This Design Entitled; Laser-Disc Music Video Digital Drink Machine Door, is the Futuristic Drink Machine Door, that will soon revolutionize the purchase of your soda products at these informational, entertainment, Customer auditioning post. These Doors are designed Several ways; 1) as a replacement Door for existing Machines. 2) Mounted walls unit for eating areas (Interior Usage) 3) As a Drive-Thru

wall unit, this Door is mounted on the exterior of an exsisting building, with the Soda cooler, brain components, money box etc. safety stored inside a building. Soda-Island, a building designed for Parking-Lots. This Storage/Drive Thru allows costomers to remain in their cars, while purchasing asoda.

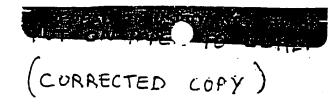
Laser-Disc Music Video Digital Drink Machine Doors on both a sides entertain/serve customers while storage for video/audio components, Monies etc. are safely stored inside the building.

We hope that your company will be the first to introduce this new concept of Service/Entertainment to the general public, in the upcoming '96 Olympic Games. Let's surprise the World in Atlanta, with your product and this design. If you are interested in this design;
Laser-Disc Music Video Digital Drink Machine Door Patent-pending Application Number 08/429583
Preliminary Class: 221 * SMALL ENTITY * Filing Date: 08/17/95

Contact: James A. Satchell Jr. 1490 County Rd. 36 Tuskegee Al. 36083

CONTINUED WORK PRESENTED TO COKE

Phone: 334-724-9020



Page #6

Laser-Disc Music Video Door (Drink Machine Door) Claims

What I claim as my invention is: Something that will internet the Soda-Machine into the Entertainment World. Other existing Drink Machine illuminated facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I state those features combined with my design on The Lambredisc Music Video Brisk Eachine Door, of with,

f) Video Screen ?) Speakers for States-sound ?) Sepallite Possing antonna 4) Commun. 5) Video Record-Flayback 6) physical Commun. Managemy 7) Notice Detectors 8) Multi-Selection Panels 9) Distal Counters INTERNET CONNECTIONS.

I James G. Date 1010 (n, claim this combination Entertainment package design as avreplacement door for existing soda machines. On this day 05/26/95

MAILED THIS CLAIM

05/26/95 BACK TO THE V.S.D. OFC. PATENT & TRADEMARK. YOU SAY IT'S NOT THERE. PLEASE PLACE THIS ONE PROPERLY.

EXHIBIT B



Preliminary Report Hurricane Opal 27 September - 5 October 1995

Max Mayfield National Hurricane Center 29 November 1995

PRELIMINARY REPORTS

Hurricane Allison Tropical Storm Barry Tropical Storm Chantal Tropical Storm Dean Hurricane Erin Tropical Depression Six Humicane Felix Tropical Storm Gabrielle. Humicane Humberto Humicane Iris Tropical Storm Jerry Tropical Storm Karen Hurricane Luis Tropical Depression Fourteen Hurricane Marilyn Hurricane Noel Hurricane Opal Tropical Storm Pablo Hurricane Roxanne Tropical Storm Sebastien Hurricane Tanya



Hurricane Opal made landfall near Pensacola Beach, Florida as a marginal Category 3 <u>hurricane</u> on the <u>Saffir/Simpson Hurricane Scale</u>, causing extensive <u>storm surge</u> damage to the immediate coastal areas of the Florida panhandle. It was the first major hurricane to strike the Florida panhandle since <u>Eloise in 1975</u> (103K GIF).

a. Synoptic History

Satellite imagery and synoptic analyses indicate that Op originated from a tropical wave that emerged from the west coast Africa on 11 September. The wave moved westward across the Atlantic into the western Caribbean Sea by 23 September and merge with a broad area of low pressure centered in the vicinity of 15N° 80°V. The combined system drifted west-northwestward toward the Yucata peninsula over the following few days without significant developmer. Deep convection increased near the center of the low and the post analysis "best track" in Figure 1 (108K GIF) shows that a tropic depression formed about 70 n mi south-southeast of Cozumel, Mexic at 1800 UTC 27 September. Best track position, central pressure ar maximum one-minute sustained wind speed are listed for every shours in Table 1.

Steering currents were weak and the tropical depressic moved slowly over the Yucatan peninsula for the following three day Convective banding increased and ship reports suggest that the depression became Tropical Storm Opal at 1200 UTC 30 Septembly while centered near the north-central coast of the Yucatan peninsulary.



The storm gradually strengthened and moved slowly westwa into the Bay of Campeche.

Air Force Reserve unit aircraft investigating Opal over the southwestern Gulf of Mexico reported that the minimum centropressure steadily dropped. Aircraft reports and satellite estimate suggest that Opal strengthened into a hurricane near 1200 UTC October while centered about 150 n mi west of Merida, Mexico. banding type eye appeared in satellite imagery later in the day while large amplitude mid- to upper-level trough moving into the centropressive strengths.

On 3 and 4 October, the hurricane turned toward the nort northeast to northeast and gradually accelerated. During this period, tl water temperature beneath the hurricane's circulation was near 28 29C, and a large upper-level anticyclone was well established over the Gulf of Mexico. Rapid intensification occurred not only as a result these favorable environmental conditions on the large scale but, a perhaps more importantly, due to significant changes on a smaller sca within the hurricane's inner core. Opal intensified into a category fc hurricane on the Saffir/Simpson Hurricane Scale early on 4 October which time reconnaissance aircraft reported a small, 10 n mi diamet eye. The minimum central pressure of 916 mb, with maximu sustained surface winds estimated at 130 knots, occurred when t hurricane was centered about 250 n mi south-southwest of Pensaco Florida near 1000 UTC 4 October. The peak intensity appears to ha occurred near the end of an eyewall contraction cycle. Soon thereafte the small inner eyewall diminished as an outer eyewall became mc dominant. The hurricane weakened during this process, but was still marginal Category 3 hurricane as the center made landfall at Pensacc Beach, Florida near 2200 UTC 4 October. The collapse of the inn eyewall, reduced sea surface temperatures along the Gulf coast at increased upper-level westerlies likely contributed to the weakening.

The hurricane was moving north-northeastward near 20 kmc at landfall with the sustained hurricane force winds in the easte quadrants of the circulation primarily between Pensacola Beach a Cape San Blas. The minimum central pressure at landfall was 9 mb. Maximum sustained surface winds are currently estimated 100 knots in a narrow swath at the coast near the extreme easte tip of Choctawhatchee Bay about midway between Destin al Panama City. Although no official reports of surface winds we received within this area, data from reconnaissance aircraft air Doppler radar suggest that the peak winds occurred in this location. should be emphasized that the strongest winds were in a very limitarea and most of the coastal areas of the Florida panhanc experienced winds of a Category 1 or Category 2 hurricane (between 65 and 95 knots). Although the winds were diminishing at the time landfall, extensive damage due to storm surge and breaking way occurred over most of the coastal areas of the Florida panhandle.

Opal weakened rapidly after moving inland, becoming tropical storm over southern Alabama and a tropical depression over southeastern Tennessee. The cyclone was declared extratropical countries that track as it moved northeastward over the Ohio Valley are eastern Great Lakes into southwestern Quebec. The strongest wind occurred well away from the center of the cyclone during the extratropical stage.

b. Meteorological Statistics

Figure 2 (44K GIF) and Figure 3 (51K GIF) show the curves minimum central pressure and maximum one-minute wind spee respectively, versus time, along with the observations on which the are based.

U.S. Air Force Reserve aircraft provided a total of a operational center fixes during approximately 122 flying hours reconnaissance on this hurricane. The minimum central pressure reported by aircraft was 916 mb at 0945 UTC 4 October. The represented a 53 mb drop in pressure within 24 hours and a 42 mb fix within about 12 hours. This was a very rapid rate of deepening, but it not unprecedented. Several western North Pacific typhoons have deepened at an even faster rate. The maximum winds of 152 kno from a flight-level of 700 mb were measured shortly after the 916 m pressure report. At 2006 UTC, approximately two hours prior landfall, the aircraft reported 126 knots 59 n mi east of the center. In addition to the Air Force Reserve reconnaissance, a NOAA aircraft flew a 10 hour research mission the time of landfall.

A ship with call sign XCKX reported 75 knot winds at 120 UTC 4 October while located about 90 n mi west-southwest of the hurricane center. Several other ship reports were helpful in defining the extent of tropical storm force winds. <u>Table 2</u> lists ship reports of at least tropical storm force winds in the vicinity of Opal.

The strongest winds reported by a land station were 73 kno with gusts to 125 knots from Hurlbert Field, Florida. <u>Table 3a</u> lis selected surface observations, and <u>Table 3b</u> lists selected observation made by <u>NOAA's National Data Buoy Center (NDBC)</u> platforms neithe path of Opal.

Isolated tornadoes were reported from the Florida panhand to the mid-Atlantic states. One fatality occurred in Crestview, Florida a result of a tornado. Another tornado injured several people ar severely damaged a number of structures as it swept through Charle Prince Georges and Anne Arundel Counties in Maryland.

At the time of this report a post-storm high water mark surve was being conducted by the U.S. Army Corps of Engineers and th U.S. Geological Survey. Many high water marks remain to be surveys and "tied into" bench marks. The locations of the maximum value cannot be finalized until the survey is complete. However, initial surve results show an extensive storm surge from southeastern Mobile Ba and Gulf Shores, Alabama, eastward through the Florida panhandle Cedar Key, Florida. Still water mark elevations inside of buildings tide gage maximums, which damp out breaking wave effects and a indicative of the storm surge, ranged from 5 to 14 feet above mean se level. Outside water marks on buildings or debris lines on sand dune within 200 feet of the Gulf of Mexico shoreline generally ranged fro 10 to 21 feet. For example, the tide gage at the Panama City Beac pier recorded a maximum of approximately 8.3 feet above mean se level, indicative of storm surge. At the end of the pier a debris lir elevation of approximately 18 feet above mean sea level was recorde Thus, the breaking waves on top of the storm surge adde approximately 10 feet. Many structures in this combined storm surg and breaking wave zone that were not elevated high enough suffere major structural damage.

The combination of Opal and a frontal system resulted heavy rains along the path of the hurricane. Rainfall totals general ranged from 5 to 10 inches over portions of the Florida panhandl Alabama and Georgia. Rains in South Carolina averaged 2 to 4 inche while in North Carolina 3 to 5 inches were common. Highlands, Nor Carolina recorded 8.95 inches and Robinson Creek, North Carolina recorded 9.89 inches. Elsewhere, 1 to 3 inch totals occurred over portions of the northeast U.S. from Maryland northward. These rain have been described as beneficial to areas of the northeast U.S. the had been experiencing a prolonged dry period.

c. Casualty and Damage Statistics

The total number of deaths directly associated with Opal currently set at 59, and were distributed as follows:

```
Guatemala - 31 (from flooding during the developing stages of Opal)

Mexico - 19 (from flooding)

U.S. - 9 including

Florida (1 from a tornado)

Alabama (2 from a tree falling on a mobile home)

Georgia (5 from falling trees)

North Carolina (1 from a tree falling on a mobile home)
```

There were no reported deaths due to storm surge floodin which is remarkable in view of the vulnerable population and extensive salt water damage observed.

The Property Claim Services Division of the America Insurance Services Group preliminary estimate of insured proper damage for the United States is \$2.1 billion. Considerable uncertain exists concerning the amount of additional damage due to flood claim uninsured property damage (including damage to roads and bridge and other government property) and the cost of cleanup. If the estimate of insured property damage proves to be correct, the total damage estimate from Hurricane Opal could reach \$3 billion. Witho adjustments for inflation, Opal could rank as high as third on the list costliest twentieth-century U.S. hurricanes. With adjustments for inflation, Opal will likely still be ranked in the top ten on that list.

Most of the severe structural damage occurred at the coastline. The crumbled piers, demolished homes and eroded submerged highways were primarily a result of the storm surge. addition, however, strong winds spread damage well inland. Op downed numerous trees, knocking out power to nearly 2 million peop in Florida, Alabama, Georgia and the Carolinas. The Robert Trent Go Course in Opelika, Alabama lost over 7000 trees during the storm Many people in Florida were without water for several days.

d. Forecast and Warning Critique

During the time when Opal was of tropical storm or hurricar strength, the mean official track forecast errors of 42 (18 cases), 10 (16 cases), 161 (14 cases), 231 (12 cases) and 326 (8 cases) n mi 12, 24, 36, 48 and 72 hours respectively were slightly larger than the long-term averages from the previous ten years.

The intensity forecasts showed a negative bias (i.e., intensi was underestimated). The trend for the strengthening of Opal whi over water was correctly forecast by the NHC, but the amount of rap deepening was not anticipated by the official forecasts or by ar available objective intensity prediction techniques.

Table 4 lists the coastal watches and warnings issued durir Opal. Approximately 31 hours elapsed between the time a <u>hurricar watch</u> was issued and the time of landfall on the Florida panhandl Approximately 19 hours elapsed between the time of issuance of <u>hurricane warning</u> was issued and the time of landfall.

Table 1. Preliminary best track, Hurricane Opal, 27 September - 6
October 1995.

Position

Date/Time (UTC)	Lat. (° N)	Lon. (° W)	Pressure (mb)	Wind Speed (kt)	Stage
1800	19.1	87.3	1004	25	Trop. Depression
28/0000	19.4	87.5	1004	25	• •
0600	19.4	87.9	1004	25	• •
1200	19.3	88.2	1003	~ 25	
1800	19.3	88.4	1003	25	• •
29/0000	19.4	88.4	1003	25	
0600	19.5	88.4	1003	25	
1200	19.6	88.3	1003	25	
1800	19.8	88.2	1003	30	
30/0000	20.1	88.2	1002	30	**
0600	20:6	88.3	1002	30	**
1200	21.1	88.5	1001	35	Tropical Storm
1300	21.4	89.1	1000	10	**
01/0000	21.3	89.9	304	45	••
0600	21.1	90.7	987	45	
1200	20.9	91.2	986	45	**
1800	20.მ	91.3	985	50	W M
02/0000	20.7	91.3	384	. 55	** **
0600	20.3	92.1	980	50	**
1200	21.0	92.3	973	65	Hurricane
1800	21.2	92.3	972	65	*
03/0000	21.7	92.2	970	70	•
0600	22.2	92.0	969	75	**
1200	22.8	91.6	968	80	•
1800	23.5	91.0	965	85	•
04/0000	24.5	90.1	953	100	•
0600	25.9	89.4	935	110	
1200	27.3	88.5	919	130	
1800	29.0	87.7	938	110	•
05/0000	31.0	86.8	950	80	
0600	33.2	36.2	974	50	Tropical Storm
1200	35.4	85.7	982	30	Trop. Depression
1800	38.5	83.5	986	40	Extratropical
06/0000	40.5	82.3	989	40	- *
0600	42.0	80.5	991	40	#
1200	43.3	78.4	997	35	
1800	44.5	76.5	1002	30	•
<u></u> _ <u>_</u>					
04/1000	26.6	8.86	916	130	Minimum

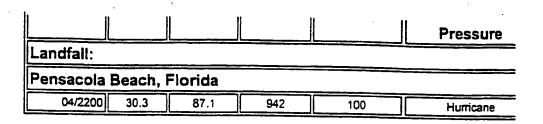


Table 2. Ship encounters of 34 knots or higher associated with Hurricane Opal.

Ship Call	Date	Time UTC	Pos	ition	Wind (kt)	Pressu	
Sign	Mo/Da	Time of C	Lat°N	Lon°W	Dir/Speed	(mb)	
C6CM7	9/29	0000	22.6	85.0	120/35	1006.4	
KAFG	9/30	1800	20.9	· 85.0	140/38	1005.7	
C6JN	10/01	1800	21.9	.94.7	340/34	1003.3	
C6JN	10/02	0600	19.2	94.5	290/40	1000.8	
3EWJ9	10/03	1200	20.6	86.5	140/58	1007.0	
C6KE8	10/03	1800	27.6	94.4	01 0/34	1003.0	
WBVY	10/04	0000	27.5	91.4	030/38	997.3	
C6KJ5	10/04	0600	23.1	86.6	160/37	997.5	
XCKX	10/04	0600	27.2	88.8	110/48	991.0	
ELIU2	10/04	1200	24.7	84.3	160/40	-	
SHIP	10/04	1200	26.8	84.7	170/46	997.2	
XCKX	10/04	1200	26.8	90.1	340/75	984.0	
KGBE	10/04	1200	27.6	86.0	170/48	993.0	
VSBZ5	10/04	1200	28.4	88.8	080/55	983.5	
ELIU2	10/04	1800	24.4	84.5	170/40 -	1008.5	
XCKX	10/04	1800	26.7	90.3	290/40	997.0	
KGBE	10/04	1800	27.4	85.6	210.52	994.6	
VSBZ5	10/04	1800	27.5	89.3	310/47	988.0	

Table 3a. Hurricane Opal selected surface observations, October 199

	Minimum sea-level pressure	Maximum surface wind speed (knots)	Storm Surge (tide	
,			3 (

Location	Pressure (mb)	Date/Time (UTC)	Sustained	Peak Gust	Date/Time (UTC)	height above normal (ft))	(s tu
Louisiana	1:						<u>—</u>
New Orleans (MSY)	990.9	04/1953	23	30	04/21 50		Ī,
New Orleans (NEW)	991.2	04/1951	30	41	04/23.52		
Mid Lake Ponchartrain Causeway	·		32	39	04/2320		
Mississip	pi:					<u> </u>	=
Gulfport (GPT)	985.4	04/1947	30	38	04/2147		
Keesler AFB (BIX)	984.5	04/2125	35	55	04/1956		
Meridian (MEI)	991.6	05/0303	24	34	04/2335		
Alabama:							
Evergreen	980.0	04/2119	30	43 .	04/2115		
Mobile (MOB)	978.5	04/2250	33	51	04/2339		
Downtown Mobile			45	57	04/2100		
Ft. Rucker (OZR)	978.4	05/0059	65 **	85 **	05/0024		
Maxwell AFB (MXF)	974.1	05/0355	. 41	78	05/0327	·	
Montgomery (MGM)	969.4	05/0256	41	55	05/0245		
Aubum (AUB)	980.0	05/0400	24	45	05/030 <u>0</u>		
Birmingham (BHM)	976.7	05/0655	27	42	05/0453		
Anniston (ANB)	989.0	05/0631	25	35	05/0335		
Huntsville (HSV)	982.4	05/0856	37	48	05/0627		
Florida:							=
Pensacola I- 10 & East Bay	948.2	04/2302	43	33	04/2247		
Pensacola Airport (FAA)			54	3 2	04/2041		
Pensacola (PNS)				69	04/1930		

Pensacola (NPA)	955.0	04/2225	52	67	04/2043		
Ellyson (near (PNS))							
Hurlburt Field (HRT)	960.3	04/2255	73	125	04/2155		Ť,
Fort Waiton Beach	960.3	04/2229					Ť
Eglin AFB (VPS)	966.5**	04/2155	70 ~	100 "	04/2304		T
Panama City (PAM)	977.7	04/2206	55	·74	04/2252		Ī
Apalachicola (AQQ)	991.2	04/2120	28	51	04/2206	5-6	
St. George Island Causeway				52	04/2149	·	
Tallahassee (TLH)	993.9	04/2225	28	45	05/0250		
Taliahassee (FSU Weather Station)	995.0	04/2216		55	. 04/2226		
Turkey Point (TUPF)			36	ô1	04/2047		<u> </u>
Brooksville (BKV)	1001.6	04/2106	20	28	04/21 15		r
New Port Richey	1003.5	04/2116	24	31	05/0445		r
Tampa (TPA)	1002.1	04/2050	21	39	04/1652		
St. Petersburg (PIE)	1001.6	04/2000	25	38	04/1948		
Sarasota	1002.3	04/1848	27	36	04/1648	2-4	广
Winter Haven	1003.5	04/2103	29	36	04/2341		ľ
Georgia:							
Fort Benning (LSF)	984.5	05/0656	40 "	50 **	05/0555		
Warner Robbins AFB (WRB)	994.3	05/0656	29	14	05/0555		Ţ.
Atlanta (ATL)	987.5	05/0731	27	43	05/0556		Ĭ,
Dobbins AFB (MGE)	987.0	05/0755	37**	3C**	05/0608		
Marietta			23	30	05/0734		
Fulton Co. (FTY)					·		
Peach Tree							

Table 3b. Hurricane Opal selected NDBC observations, October 1995

		17	sea-level	Maxim	um wii (knot	nd speed
Platform	Location	Pressure (mb)	Date/time (UTC)	average	Peak gust	Date/tir (UTC)
Grand Isie, LA C-MAN GDIL1	29.3°N 90.0°W	990.0	04/1900	40	52	04/1400
Southwest Pass, LA C-MAN BURL1	28.9°N 89.4°W	985.4	04/1700	64	75	04/1700
Dauphin Island, AL C-MAN DPIA1	30.2*N 88.1*W	970.0	04/2126	53	67	04/215(
Keaton Beach, FL C-MAN KTNF1	29.8°N 83.6°W	998.0	04/2000	30	47	04/2100
Cedar Key, FL C-MAN CDRF1	29.1°N 83.0°W	1000.2	04/2100	32	46	04/230(
Buoy 42001	25.9°N 89.7°W	963.7	04/0600	53	66	04/100(
Buoy 42003	25.9°N 85.9°W	992.8	04/1200	43	54	04/0900
Buoy 42007	30.1°N 88.8°W	979.5	04/2100	52	68	04/190(
Buoy 42036	28.5°N 84.5°W	995.4	04/2100	35	43	04/1800

NOAA buoys report an 8-minute average wind and C-MAN stations report a 2-minute average wind.

^{*}Time of sustained wind speed unless only gust is given.

Estimated.

Table 4. Watch and warning summary, Hurricane Opal.

	ı — — — — — — — — — — — — — — — — — — —	Transfer Opai.
Date/Time (UTC)	Action	Location
30/1500	Tropical Storm Warning	Northeast portion of the Yucatan Peninsu from Cozumel and Cancun to Progreso
01/0300	Tropical Storm Warning extended	Yucatan Peninsula from Progreso to Celestun
01/2100	Tropical Storm Warning extended	Yucatan Peninsula from Progreso to Veracruz
	Tropical Storm Warning discontinued	Yucatan Peninsula east of Progreso
03/0900	Hurricane Watch	Morgan City, Louisiana to just west of Pensacola, Florida
03/1500	Hurricane Watch extended	Pensacola to the Mouth of the Suwannee River, Florida
	Tropical Storm Warning discontinued	All portions of the Yucatan Peninsula
03/2100	Tropical Storm Warning	Morgan City, Louisiana to the Mouth of th Suwannee River, Florida
·	Hurricane Warning	Mobile, Alabama to Anclote Key, Florida
04/0300	Tropical Storm Warning extended	South of Anclote Key to Venice, Florida
·	Tropical Storm Warning and Hurricane Watch discontinued	West of Grand Isle to Morgan City, Louisiana
04/0900	Humicane Warning extended	Mobile, Alabama westward to the Mouth the Mississippi River including coastal Mississippi
	Tropical Storm Warning and Hurricane Watch extended	Grand Isle, Louisiana westward to just ea of Morgan City, Louisiana including Metropolitan New Orleans
05/0300	Tropical Storm Warning, Hurricane Warning, and Hurricane Watch discontinued	West of Mobile, Alabama
05/0500	All remaining coastal Watches and Warnings discontinued	

<u>Brian Maher</u> Jack Beven

Last updated January 9, 1999

EXHIBIT C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of

James A. SATCHELL, Jr. et al

Serial No.: 09/686,626

Filed: October 12, 2000

For:

VENDING MACHINE AND COMPUTER ASSEMBLY

RULE 131 DECLARATION FOR PATRICIA C.A. SATCHELL

My name is Patricia C.A. Satchell and am over the age of twenty-one years and if called to

testify would be competent to testify as to the following:

That based on personal knowledge and/or experience, I make the following

declaration that I am the wife of James A. Satchell, Jr., one of the co-inventors of the above-

identified application;

That based on personal observation, I saw James A. Satchell, Jr. prepare the

documents which were to become those documents subsequently date-stamped by the United States

Patent and Trademark Office on December 26, 1995;

That I have a clear recollection of James A. Satchell, Jr. asking me to type those

documents. I typed and/or otherwise prepared those documents which were to become the December

26, 1995, date-stamped by the United States Patent and Trademark Office documents in the time

period of October 20 to November 8, 1995;

Further, declarant sayeth not.

I further declare that all statements made herein of my own knowledge are true and that all

statements made on information and belief are believed to be true; and further that these statements

and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the reissue application or of any reissue patent to issue thereon.

Date Church 92007

Patricia C. A. Satchell

Residence: Tuskegee, Alabama

Citizenship: United States

Post Office Address: 1490 County Road 36, Tuskegee, Alabama 36083

EXHIBIT D

PTO-103X (Rev. 8-85)

FILING RECEPT



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	1	2				\$365.00	3101	08/17/95	08/429,583

JAMES A SATCHELL JR 1490 COUNTY ROAD, 36 TUSKEGEE AL 36083

It will be considered in its order and results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. If an error-is noted on this Filing Receipt, please write to the Application Proc

LASER-DISC MUSIC VIDEO DIGITAL DRINK MACHINE DOOR

PRELIMINARY CLASS: 221

EXHIBIT E



APPLICATION #08/429,583 FILING DATE 08/17/95

Page #6

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will inter net/world wide wed, most types of vending machines, and the Soda-Machine Door into the entertainment/advertisement World. Soda-machine doors with still facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Adaptors for Internet/ World Wide Wed reception to Door.

World Wide Wed reception to Door.

I have a solution in this combination Entertainment package design as a replacement door for existing soda machines. On this day 05/36/95

I (1000) (1000), after receiving, Foreign Filing License Granted 10/01/95, under 37 CFR 5.15(a) subsequently (make modifications, amendments, and supplements containing additional subject matter to, or divisions of,...). I claim this combination Entertainment/Advertisement package design as a replacement Door, for some, and a Primary Door for others, for these general public, entertaining, inform ational, Futuristic "On-Line" Billboard Vending Machine Doors. On this Day 1/9/95

SIGNED 11/8/95, STAMPED BY USATO IS
CHANGE OF MINUSIC VIDEO TO ON-LINE
VIDEOS, AT AT A AT ATTER 11/9/95—
3/19/75. FIRST LAWER PEAD DW-LINE VIDEOS

EXHIBIT F

CLARMS_OM

WHAT I CLAIM AS MY INVENTION IS: A VENDING MACHINE THAT WILL INTERN WORLD WIDE WED/AMERICAN ON LINE MOS TYPES OF VENDING MACHINES, INTO ENTERTAINMENT/ADVERTISEMENT WORLD.

1 A DISPENSER APPARATUS COMPRISING AD MEANS TO ACCESS INTERNET ADVERTISEMENT, (WE A) MEANS TO ACCESS LIVE NEWS EVENTS,

b) MEANS TO ACCESS WEDSITES C) MEANS TO ACCESS ON LOCATION VIDEO/AU OF ANY BUSINESS THAT WOULD EREATE COMPATIBLE DISK FOR PERSONALIZE BUSINESS ACTIVITIES, ORGINAL CLAIM ATTEMPT, S. ORGINA

2) A DISPENSER ACCORDING TO CLAI 1 IN WHICH SAID MEANS FOR

ACLESS TO MUSICAL WEDSITES.

DINFORMATIONAL TRANSMISSION RECEIVENCY, MEANS SAID INPUT MEANS TO MUNITORS, DUEA TELERHOWE LINE, FROM W.

3) A DISPENSER WITH DIRECT. LENKS 4 EXTERNAL SOURCES WITH SAID MEANS FOR ALLESS TO DN-LINE SERVICES,

4) A DISPENSER WITH VISUAL RECORD/PLA MEANS, FOR CUSTOMER INTERACTION (SONG-1 TO THE PRESENT INVENTIONS A CAMERA/ MICROPHONE 5 SPECIATION AUDIO/VISUAL RECORDING NOV. 5, 1995

B)TWO-WAY AUDIO/VISUAL COMMUNICATION SHOWS

CUSTOMERS AUDITIONAL STREET PERFORMA AFTER A CUSTOMER ACCESS THE WEDSITE OF A DESIRED RECORDING ARTIST, AN OPTION OF AUDITIONANG A SELECTION FROM THE SUNGS AVAILABLE, 15 BOSIDER UP. -> YES OR NO RESPONDE -> IF YES, INSERT CD ROM, WAIT FOR ON QUE 1-2-; AUDITION STARTS > THE LYRICS AND MUSIC COMES ACROSS THE MONITOR AT THIS TIME THE CUSTOMER START HINCHNOTHE SELECTION, WHILE THE VENDING MACHINE RECORDING SYSTEM DOWN LOAD THE PERFORMANCE AUDID/VIDEO ED-ROM, MUSIC FROM WEBSITE ONTO CD-ROM & TRROUGH STERED SPEAKERS CUSTOMER HEARING, LYRICS FROM WEBSITE MONITOR FOR CUSTOMER READING, WHILE AFTER THE AUDITION

-U NUMBER HAS CAPTURED ROUS/ VIDEO AUDITION OF THE CUSTOMER STREET PERFORMANE THEN KAN TO FOR AND ADDITIONAL KOST, BOMPANY BE E-MAILED ADIO/VIDED TO A COLA-COMPANY WEBSITE FOR BOA CHANGE AT THEIR STREET PERFORMANCE OF TO BE SELECTED FO A SERIES OF TIVI COMMECIALS WHICH THE COLA-COMPANY AIRS TO PROMOTE THE USE OF THESE NEW VENDING MACHINES,

TWO-WAY AUDIO/ VISALAL COMMONICATION

THE CUSTEDMER WHO HAS NO MUSICAL INTERES NO INFORMATIONAL INTEREST, HAS AN OPTION FEATURE WHICH IS EMBODIED IN THE PRESENT INVENTION. "PLAYING THE MATCH MAKING GAME, THIS FEATURE ALLOWS THE CUSTOMER TO CRUBE-THETO VENDING MACHINES FINDS OTHER VENDING MACHINE-NETW BEING USED AT THE SAME TIME, IT THEN ALLOWS THE TWO-VENDER-USERS, TO COMMUNICATE IF DESIRABLE, FIRST, THE MACHINE TEXTO THE TWO USERS TO ASK QUESTIONS ABOUT EACH OTHER TYPIGRAPHICALLY, THEN ADDIES AUDIABLY IF DESIRABLE, THEN VISUALLY IF DESIRABLE, ALL FOR AN ADDITIONAL COST. PRESE PUTTING VENDING MACHINE - USER IN DIRECT COMMUNICATION WITH EACH OF

EXHIBIT G

The Coca Cola Company

COCA-COLA PLAZA ATLANTA, GEORGIA

SEPT. 11, 1995 MAR 27, 2001

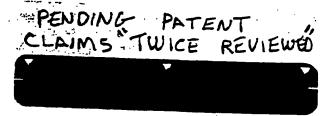
November 9, 1995

P O. DRAWER 1734 ATLANTA, GA 30301

404 676-8121 OUR REFERENCE NO.

Mr. James A. Satchell, Jr. 1490 County Rd. 36 -Tuskegee, AL 36083

Dear Mr. Satchell:



Thank you for your conditions of submission Agreement dated September 18, 1995 concerning your dea for a Laser-Disc Music Video Digital Drink Machine Door (patent application 08/429,583 filed August 17, 1995).

In view of similar activities already underway in this area and the availability of technology in this area from several sources, we have concluded that we would not be in a position to integrate your idea with our other business activities.

You might be interested to know we have a similar type of multi-media interactive drink vending nachine on display at The World of Coca-Cola.

We appreciate your interest in The Coca-Coła Company. Mr. Satchell, and your taking the time to ontact us concerning this matter.

Sincerely,

Kathy K. Driscoll

Patent Administrator

osrida.etj

EXHIBIT H



EXHIBIT I

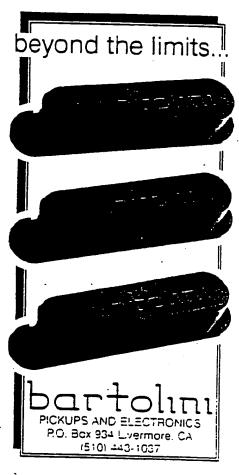
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For The Central U.S

JAMES A SATUMELL 1490 COUNTY RD 36 TUSKEGEE AL 36085-3408

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CONTINUED FROM PREVIOUS PAGE

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agg Or., Sie. 16; Dallas, TX 75220; (214) 352-2446; (800) 339-MARS; FAX: (214) 252-6001. Contact: Sleve Liwney.

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THE MUSIK FAKTORY 409) 382-7121 Contact: 1245 Badeaux

ON VICED INC. 2141 406-3292; (800) 322-2402.

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PD Box 191447; Dallax, TX 75219-8447; (214) 521-2216; FAX: (214) 528-1299. Contact: Deop Rooney, general manager Engideers; Rick Agoney, Amado Carrasco, Adam Emmermann, Edulomant: mising consider: MCUSonv 5288 w/Otan DisaMis automation, Mackie 501 Monitors: tustom Likeside Associates v/720 components, ramana 15-10, Cannov 28M-3, Auratone tearrieros. Audio recorder: custom MCLuh-24 24-rrack transforments. Eint 190 1-rrack w/Doiby 3R Tascam 42 2-rrack fights 20-4 40ATs, 17 Prinasonic 37-3500 21 Panasonic 37-3500 21 Sany 270) KABA Lassette quoncation, Digital tuuto work stations 1-11ck Digitalistin - Cris wiSaurit Designer and DIMP Taise retriction Disposance Amilions wisbaund Designer and DIMP rosse retriction syndrographic Disposance DAIPTE save times MIO/Man Euroman Proc. Diter major education and on a surgeon business stop 100 AKG 4CR 4CR (Metro severa), 25 Nummi EQ Jammar 100 Expressor 25 Summit EQ Jammar 100 Expressor 25 Summit EQ Jammar 100 Lita-marking and 128 major 25 Lita 100 AP 100, 25 Serentios 43000 Lita-marking 25 Lita 100 AP 100 AP 100 AP 100 AP 3000 Lita-marking 25 Lita 100 AP 100 AP 100 AP 100 AP 300 te-isser (pmpressor 3) mx '50 tompressor 2) ramana (Prigo

II. (2) Yamana SPX900, (2) Yamana REV7, (2) Lexic icon Prime Time DDL Master-Room XL-305 rever Counter-priorie parch, Marantz 610 compact disc mann, AKG, Microtech Gelell, Sentherser and CAI Description & Other Services: Planet Dallas Studie ten years of recording excellence. Located in the priv area just minutes from downtown Dallas, hotels an tional Airport, Planet Dallas Studios are contained i Classic prairie nouse surrounded by 200-year-old oa atmosphere and clean work environment with all ti frome, including a full kitchen. Specializing in mu: Planet Dallas consists of: studio A, a hull-service 24-t signed by Carl Yancher of Lakeside Associates, feab MCI/Sony console w/Otani DiskMix automation an mic preamp EOs; studio 8, a digital editing soil Dignessign 8-track digital editing system write lines Other services include: professional 24-bit mastering manufacturing, custom one-off CD-R replication and catton. Clients include: WEA RCA. Sony. American. scope, Dragon Street, Geffen, Priority, Profile, Jive, 900-Ft. Jesus. Tripping Darsy, The Nixons, Filter, Re Heat. Fu-Schnickens, XTC. Hemesis, Doming, Jon 1 Face, Gone By Dawn, The Blue Johnnies, GSD&M AAFES, Walkas Advertising, Coopers & Lybrand, O'Co Levenson Levenson Hill, Mary Kay, Rumnil Hoys. Broadcast Network, New Home Full Gospet Ministr Music Marketing Concepts.

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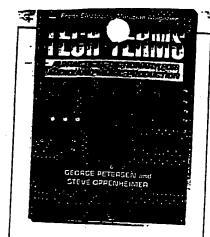
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imer, Jeff Kliment, Scott Strain. Olmensions: stin STANCTIO B: 18'228'.

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4514 275th Pl.; Bayside, NY 17381-3445; (718) 22 taet: Mike Rosemman, Engineers: Mike Roser

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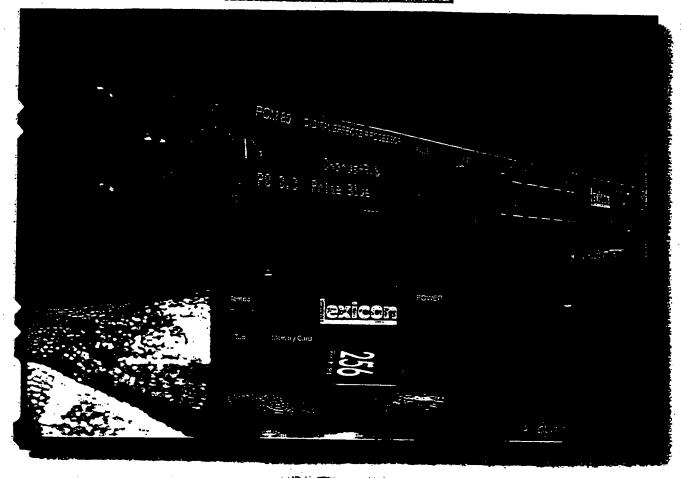
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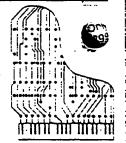
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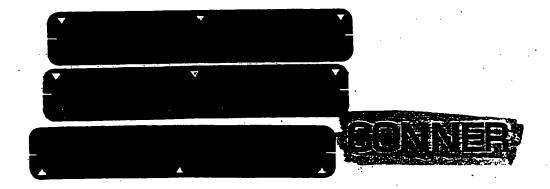
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Microsoft vs Unicker EASY MUNE The Secret Tax Break

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SUDFIGE E

Battle of the titans: Online services vs. the Web

oes your online service deliver? The four giants—America Online, CompuServe, Microsoft Network, and Prodigy—are all viving to be your single online solution. But which one offers the best e-mail, news, and other features? And, more important, do you even need a commercial service or should you get a direct connection to the Web?

To find out how all the online services stack up, we compared the big four, as well as *PC Computing* 's ultimate Web connection consisting of Netscape's Navigator 2.0 and a local Internet service provider. We sought the best overall solution—in usability and features—across five core business needs: e-mail, downloading files, chaf, message boards, and content. Our exhaustive lab testing reached two major conclusions: You don't lose any significant features by going straight to the Web, but the

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well-defined structure of the commercial services makes it easier to accomplish basic tasks such as finding files.

To help you choose the right service for your needs, we've compiled five tables that show how to perform specific tasks on the different services, and highlight the unique aspects of each (starting on page 126). Finally, for those of you eager to dive into the Web, we present the ultimate Web setup on page 136.

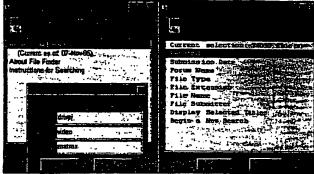
E-mail The promise of electronic communication has motivated millions of people to subscribe to online services and get e-mail addresses. After an early lead in e-mail, CompuServe has fallen behind rival America Online. Now America Online can process Multipurpose Internet Mail Extensions (MIME) file enclosures to and from the Internet, and has removed the 32K message limit that once hampered it, although it supports only one enclosure per message. In contrast, CompuServe still doesn't support true enclosures, even for mail sent within the service. While CompuServe's WinCIM 2.0 lets you attach binary files to messages, this is merely a shortcut for creating two messages. Microsoft Network, on the other hand, encodes binary attachments on the fly and lets you attach multiple files.

America Online, CompuServe, and Prodigy use integrated mail modules, and Microsoft Network uses a separate program for e-mail (Microsoft's Exchange client). Prodigy and CompuServe don't let you multitask when you read or send mail (at least via WinCIM 2.x), but America Online and Microsoft Network do. Because Exchange is built for local-area nerwork mail retrieval, Microsoft Nerwork's mail system has extensive filtering options, routing rules, and-like CompuServe-personal folders, which help you perform tasks such as automatically forwarding messages and organizing mail. Microsoft Nerwork e-mail also supports rich text format.

As long as your Internet service provider has a Post Office Protocol server, Netscape's Navigator 2.0 supports MIME e-mail, but it takes the concept beyond

Address Book ☐ ∏ Ross' Address book Bob Gordon Chris Davidson Eileen Mullin Eric:Robinson Jim Bogart Susie Levy Co-workers \oplus \square **Bob Gordon** Chris Davidsor Jim Bogart

Black Book: The e-mail component of Netscape's Navigator Gold 2.0 makes it easy to create group addresses and move addresses among multiple groups.



Fast Finder: WinCIM 2.0 brings together CompuServe's multiple file finders, letting you quickly track down shareware files scattered among PC-related forums.

mere file enclosures. It can display multimedia content as well as HTML documents within its mail window. Navigator's address book also has the smoothest interface, letting you easily move users among groups. The overall e-mail winner, however, is Microsoft Network, thanks to its sophisticated rules functions.

Downloading Files A big draw of online services has traditionally been their vast libraries of freeware and shareware. CompuServe boasts more than 200,000 files across its PC and Windows forums. WinCIM 2.0 consolidates the service's multiple file finders, thereby letting you search for files on up to three keywords. America Online's file finder lets you pinpoint file categories, but isn't as precise as CompuServe when it comes to searching by date. Both services also let you view JPEG and GIF images as they are downloaded.

Microsoft Network and Prodigy have weaker file libraries. Although Prodigy went into service before America Online, it did not add file downloading until much later. To make up for lost time, Prodigy has added ready-made file libraries from sources such as Ziff-Davis Interactive and Bits and Bytes, but the whole collection is a small fraction of what you'll find on CompuServe or America Online. Microsoft Network's file libraries are still too new to assess; you'll find few files available for download.

All four services let you queue files for batch downloading, although CompuServe is limited to queuing files in the same forum, or general content area. With America Online and Microsoft Network, you can smoothly pause and resume downloads, even those you started earlier.

Navigator gives you access to millions of files scat-. tered across thousands of FTP sites, but scattered is the operative word. If you know how to use the Internet's Archie utility, you can scan FTP sites for specific words in filenames or short descriptions, but this method isn't as accurate or useful as keyword searches. Some Web sites now include keyword databases for Internet files, such as the Virtual Software Library (http://www.cnet.com/Resources/Download/index .html). But they are not as complete or easy to find as the online service's built-in functions. Files transferred via FTP are also often encoded, and require the extra

Online Services: Chat and Message Boards

step of decoding to get into Windows-usable form.

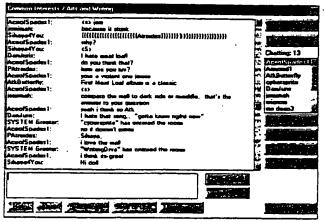
Overall, CompuServe's file library is the easiest to access and the most complete.

Chat Hold conversations with other members all over the country or all over the world in chat rooms using real-time, one-to-one or one-to-many communication. The services all present a similar interface: You type in a box at the bottom of a scrolling window that contains others' comments, and then hit the Return key to add your comments to the discussion. All services offer multiple public rooms on topics ranging from singles to stocks, and all but Microsoft Network have private rooms where virtually anything goes. Prodigy and America Online have strict standards for their public rooms; in fact, Prodigy's client includes an Alert button that you can use to quickly send a complaint to a sysop if someone makes an offensive or inappropriate comment. Only Microsoft Network lets you participate in two or more chats simultaneously.

Once a pioneer, CompuServe's CB Simulator now shows its age. Its dated metaphor lets you tune into chat channels, but there's no way to see a list of all the topics. When you select a band, it drops you into a tracking window that displays numbered channels

and buttons like Tune and Monitor. It works, but CB Simulator is long overdue for an update.

With the addition of Netscape's optional Char, which supports the Internet Relay Chat (IRC) standard, Navigator offers the best chat functions. Netscape Chat includes all the chat features found on online



Group Gab: In addition to basic functions, Prodigy's Chat offers an instant Message feature that lets you send a quick, private note to only one member in the current forum.

NOTE:

REPORT CARD

ONLINE SERVICE PRODUCTIVITY IN KEY AREAS



ONLINE SERVICES VS. THE WEB

The sudden popularity of the World Wide Web has galvanized online services to expand the features and improve the usability of their client software. We investigated how well each service—plus a Netscape's Navigator—World Wide Web combination—handles sending e-mail, downloading files, participating in chat sessions, and reading and posting forum messages. We also compared the overall content of each. In general, we found it a bit easier to move around withonline services than Navigator 2.0 on the Web, but the Web's content is far richer.

ONLINE + (NET. NAU. / W.W.W.) => NEW ISP BUSINESS MODEL

Downloading Files

E-mail

America Microsoft Navigator/
Online CompuServe Network Prodigy Web

Put It in Writing: While America Online, Microsoft Network, and Netscape's Navigator handle Internet e-mail attachments with aplomb, Microsoft Network shines, thanks to easy multimedia e-mail within the service. CompuServe doesn't support real attachments. Prodigy's and CompuServe's separate e-mail packages make it hard to send messages with content from the service.

America Online	CompuServe	Microsoft Network	Prodigy	Navigator/ Web
V	• 1			

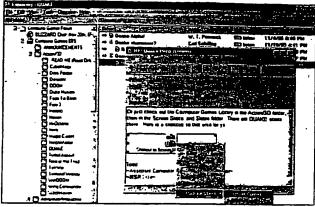
Search and Deliver on Demand: Downloading files is easy on all four commercial services, but only America Online and CompuServe have well-developed file libraries and excellent search tools. Prodigy's file libraries are small, and Microsoft Network's are still growing. Navigator offers access to the largest collection via FTP, but no easy way to track down specific files.

services, and adds support for HTML and URLs, so all the attendees in your chat can simultaneously view a Web page for which you provide the address.

Message Boards CompuServe and Microsoft Network are the best hosts for long-running debates. Both support message threading, which makes it easy to track replies, although Microsoft Network doesn't inform you if replies have been made to your postings, as CompuServe does. CompuServe provides the best message-search tools, including by subject and by author. However, Microsoft Network's message interface, which parallels Windows 95's Explorer list views, is more up-to-date and complete. Microsoft Network is also the only service that allows graphics, sounds, and other files to be placed in messages via OLE.

Navigator currently relies on Usenet for its main message boards, though it can be used with any message server featuring a Web front end, such as Attachmate's OpenMind. Navigator supports threading and presents a flexible, three-paned interface similar to that of Netscape's Collabra Share groupware package and Lotus's Notes 4.0. Usenet threads tend to break up, though, and the signal-to-noise ratio in the discussion groups is generally higher than in the online services.

America Online offers a limited form of threading on



Tracking Threads: Microsoft Network's message boards support an informative view for following conversation threads, similar to that in Windows 95's Explorer.

some boards, but it's not as complete as CompuServe's or Microsoft Nerwork's threading. Plus, America Online lacks a topic-search function, although you can find all new messages in a folder posted since a given date. No service offers full-rext searching, standard in LAN packages like Lorus's Notes and Nessage's Colline Without charging you, but CompuServe and Prodigy let you readings sages offline without charging you, but CompuServe and Post tools are more comprehensive. Unfortunately, they

ONLINE SERVICES WITH-OUT A WEB-BROWER

Chat

America Online	CompuServe	Microsoft Network	Prodigy	Navigator/ Web
~		V	1	V

Private Powwow or Public Forum? Microsoft Network is the only service that lets you participate in two chat rooms simultaneously, but Prodigy and America Online offer private rooms, which Microsoft Network lacks. Navigator's optional Chat add-in supports all the features of online services, plus the ability to send graphics during a chat. CompuServe's CB Simulator needs updating.

Message Boards

America Online	CompuServe	Microsoft Network	Prodigy	Navigator/ Web	
	/	✓.		/	

Who Said So—And When? CompuServe, Microsoft Network, and Navigator let you track replies via threads. Navigator provides the best interface, but CompuServe has better searching options and content. America Online does not offer threading in every area. Microsoft Network supports OLE-enabled messages, while Prodigy's archaic system has poor Windows support.

Content

America Online	CompuServe	Microsoft Network	Prodigy	Navigator/ Web
V	V	_		/

News You Can Use: Of the online services, America Online and Microsoft Network do the best job of packaging their information, but Microsoft Network is still playing catch-up. CompuServe offers several unique features but isn't very flashy. Much of Prodigy's content looks very dated. With Netscape's Navigator, you have direct access to the enormously rich World Wide Web.

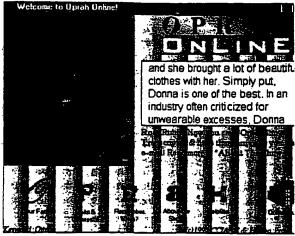
quick,

aren't a part of WinCIM 2.0—you'll need to use an additional offline reader application such as Compusere's OzCIS, WinNav, CISNav, or TapCIS.

The interfaces in Prodigy's message boards are still stuck in the early '80s. While Microsoft Network lets you do sophisticated tasks such as drag and drop files and OLE objects into messages, Prodigy doesn't even understand double-clicking to select a word. The only realistic way to post messages is to import the text from an external source.

Content Subscribers user to judge online services' content in terms of online forums, but now brand names have become more important. All commercial online services have newswires, including AP, UPI, and Reuters. Only America Online hosts the New York Times, however, and only CompuServe features Computer Library and IQuest databases for retrieving information on companies and products. NBC, which was courted away from America Online, is one of Microsoft Network's most popular features. Prodigy's new Web areas correspond to those of other services, but many of its links lie outside the service and are reachable from any online venue. And while Compu-Serve has added some jazzy services, such as online versions of Rolling Stone and People Magazine, the service's content strength remains in its user-sponsored forums. Not surprisingly, the six-month-old Microsoft Network lags in content behind its older rivals.

The content available to users of Nerscape's Navigator 20 is, of course, the entire World Wide Web, which ranges from the relevant to the irreverent, including sites for virtually everything you'll find on



All Dressed Up: America Online includes colorful backgrounds and graphics, but all of this window dressing takes longer to download.

an online service and more. The Web continues to attract new content faster than any online service, and Navigator continues to be the browser for which most sites are designed. If content matters, it is the way to go.

Signing Off If you're looking for more structured content and clearly defined functions, commercial online services and their accompanying client applications offer the easiest path online. The more ambitious, however, will find that the Navigator-Internet combination offers all the features of the online services and more—you just have to work a bit harder to get what you re after. And as more companies work to address the Web's limitations, an Internet connection may soon be all you need.

Comparing Online Services

-- Excellent

Online Service	Monthly Rates	Connection Types	Internet Access	C. Paji Arachmen	Options.	Unique Features	Verdict
America Online (800) 827-6364 Reader Service No. 815							*** Good content, Net connec and intuitive interfe
Netscape Navigator (800) 638-7483 Reader Service No. 816							*** Help an online applications expand feature set.
CompuServe (800) 848-8199 Reader Service No. 817							*** Strong message boards an technical content.
Microsoft Network (800) 386-5550 Reader Service No. 818	Photogram Company of the Company of						* * * OLE suppo and a nice interface but little content.
Prodigy (800) 776-3449 <i>Reader Service No.</i> 819	Hour plan 1995 2794. and Thoir 31 hour plan. 52187 729 and hour consumers enpulsion	modem de	Usenet Web	No AZ	message boards	Wet-based content	* * A service in flux, but shows sign of promise.

*** Good

••• Acceptable

Unaccepta

· · Poor

Instant Access

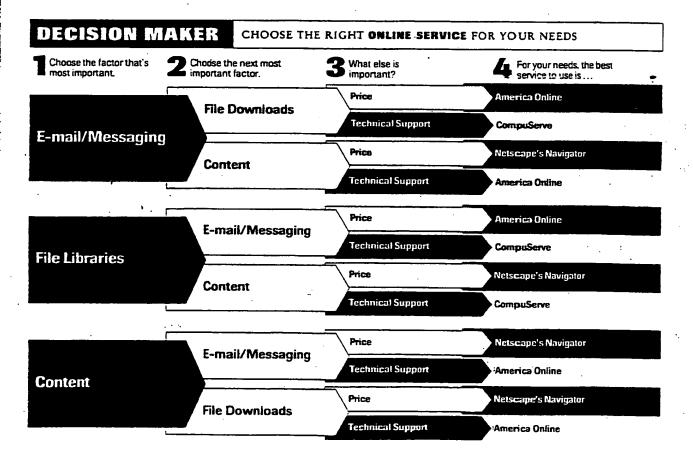
It's evolving. It's unorganized. Still, surfing the Web with Netscape's Navigator 2.0, when paired with endless pricing and access options, provides the best online experience for the buck. Navigator has pulled ahead of online services with features such as support for downloadable online applications via Sun Microsystems' Java, and a budding industry of vendors is working to address the Web's deficiencies. For those who feel the organization and support of an online service is worth the price, we recommend America Online as the best choice for most people. For technical users and download fans, CompuServe's forums still hold an edge.

With most online services priced comparably, these days (although some offer volume-usage plans), content and presentation play as strong a role as usability. America Online and Microsoft Network have begun to look more like CD-ROMs than the BBSs of yore. In contrast, even WinCIM 2.0 preserves CompuServe's conservative, spartan look, while Prodigy's designers should have new options open to them with the company's recent licensing of Netscape's Navigator. Be

aware, however, that eye candy can fatten your online bill. While America Online takes you into a free area for serious attacks of new art downloads, the wait can be maddening. In contrast, Microsoft Network brings in graphics gradually, freeing you to move on in a very Web-like fashion.

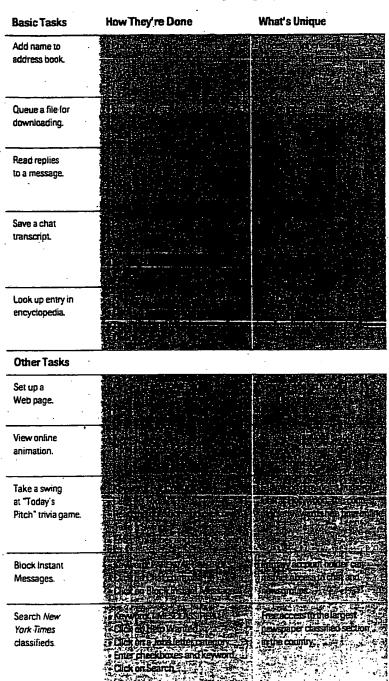
If you're looking for technical support, stick with an online service. America Online has live online tech support 24 hours a day, and both Prodigy and Compuserve offer 24-hour phone support. There are also major navigation differences: Microsoft Nerwork's keyword system is still ill-defined, while Prodigy's can flag down close matches even if you don't get the initial keyword right. America Online can decipher URLs in its keyword-entry dialog and launch its Web browser. Ultimately, though if the momentum for the Web continues at its present pace, online services may soon become glorified on-ramps to the Internet.

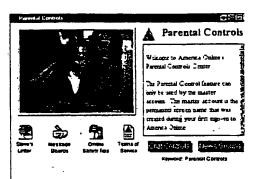
ROSS SCOTT RUBIN has written and edited several books about online services.



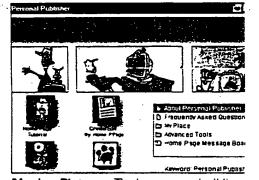
America Online

Claiming the largest U.S. membership of any online service (3 million and counting), America Online provides high-speed access to its many online areas and forums, all of which are graphically appealing. Unfortunately, the biggest frustration is waiting for graphics to download every time you enter a new area.





Family Values: Parental Controls let the primary screen-name holder allow or restrict privileges for other screen names.



Moving Pictures: The home-page building area contains a bit of animation in which the dog (top right) briefly raises his sunglasses.



Trivial Pursuit: Follywood keeps users in the action by asking them trivia questions and rewarding winners with free online time.

CompuServe

Compuservels the only

pubscription services to

one of the four major online

Online Computer Library lets

of computer industry

publications.

you search an online database.

The oldest online service, CompuServe has prospered compared to rivals GEnie and Delphi. It remains the only major service accessible with a standard character-based terminal emulator. WinCIM 2.0 hides most of this heritage, but CompuServe is still at home with more technical, professional users.

Basic Tasks	How They're Done	What's Unique
Add name to address book.		
Queue a file for downloading.		
Read replies to a message.		
Save a chat transcript		
Look up entry in encyclopedia.		
Other Tasks		
Look up a phone number of someone across the country.		
Search articles in IQuest database.		

Double-click on Access &

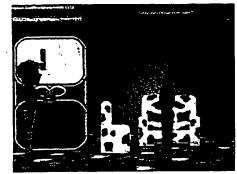
• GOT COMPOS.

Double-click on Access Computer

Database Plus (CIM)

Double-click on QuickSearch.

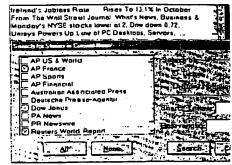
Type the site dome



Nouveau Chat: In WorldsAway, you naviç and communicate with other CompuServe members via an onscreen avatar.



Online Graphics: CompuServe now offer subscribers easy-to-save GIF images and other high-resolution graphics.



Fit to Print: CompuServe's Executive New the most mature search option for subscriwho want to scan the newswires.

Lise Worlds Away to

communicate with other members.

Log into a

Review

articles on

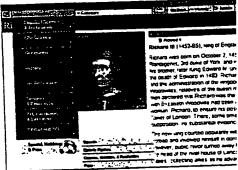
computer topics.

remote site.

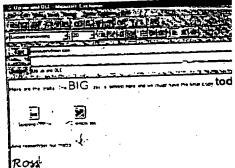
Microsoft Network

Offered with every copy of Windows 95, Microsoft Network has taken some of the finest elements of CompuServe and America Online and fine-tuned them for its host environment. As you'd expect from a young service, Microsoft Network's content is still meager, but the limited selection is offered in attractive packages.

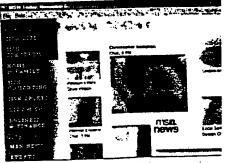
	Corners dem managem	
Basic Tasks	How They're Done	What's Unique
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address book.	Choose Address Book from they are	
8001000000		
•		
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Queue a file for	的	
downloading.		
	在 经验的证据	
Read replies to a		
message.		
		建筑设备的基础设施
Save a chat		
transcript	Section 2 and a section of the secti	
1 1	Pennie Transition	
Look up entry in		
encyclopedia.		See All Sections of the Control of t
Other Tasks	•	
Use Shortcuts.	Cook the Shall see	
•		
Read Usenet		
newsgroups.		
	Donne Called Sub-	
	Renorcomer attorns in the	
	Go to MSBOOKS	Provides maillined access
Access Microsoft	Double click on Step & Flun	to a variety of regularity.
Bookshelf.	Bookshelf Intro Edition	updated rejetings
	· Click on And tab.	
	Type a term and click on Find.	
_		
Embed animation	In any massage composition	Allows a unique motof
	window drag arritem from the	multimedia content water
and graphics in		message boards and e-mail.
e-mail messages.		
See progressive	- GO TO MEN TODAY	The richness of the art doesn't
graphics.	- Click on an image.	slow you down.
grapines		
	** ** * ** * ** ** ** ** ** ** ** ** **	



One World: Look familiar? The online version of Microsoft's Encarta encyclopedia shares the interface of its CD-ROM cousin.



Big Type: Say goodbye to Courier. Microsonetwork supports nich text format and draind-drop OLE in e-mail and BBSs.

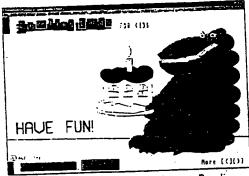


Come to Life: Large graphics come in gradually and don't make you wait to continue moving through the service.

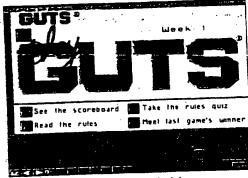
Prodigy

Once far behind in the online-service features race, Prodigy has moved earnestly to include a modern mail system, easy Web integration, and offline functions. Better still, it's lost the quarter-screen ads that were its trademark. The new Prodigy promises to be excellent, but it's still going through growing pains.

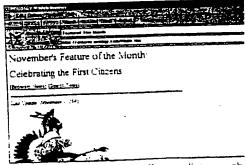
lasic Tasks	How They're Done	What's Unique
dd name to ddress book.		
Queue a file for downloading.		
Read replies to a message.		
Save a chat transcript		
Look up entry in encyclopedia.		
Other Tasks		
Play Mad Maze.		
Read newsgroups.		
Play Guts.		
Send greetings.	100 100 100 100 100 100 100 100 100 100	《大学》,一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
		Section are an effective way to
Record a macro.	Change Récent Macro the Gooder menused Nanagaid the service using keystrokes Chaose Stap Recognit	Hogerts are of effective way to revisate the other perison the service.



Greetings: In addition to basic text, Prodigy lets you deliver premade but customizable slide-show greeting cards with graphics.



Quiz: Guts is an aptly named trivia game available on Prodigy—if you miss just one question, your score is wiped out.



Web Connection: In an effort to distinguish itself. Prodigy is creating proprietary Web content accessible only to Prodigy members.

Navigate the Web

Using Netscape's Navigator 2.0 with a direct connection to the World Wide Web isn't as easy as logging on to one of the four major online services, but it offers a much richer, more cost-effective online experience. Plus, you can piece together your own Web setup by adding new viewer applications—something you can't do on commercial services. If you want to add 3-D support, for example, simply download a 3-D viewer and install it as a helper application.

But from this embarrassment of riches, what is the ideal setup for navigating the Net? PC Computing searched long and hard for all the right pieces. Taken together, these will help you get the most from the Web.

For the browser, start with Netscape's \$79.95 Navigator Gold 2.0. The new version improves newsgroup reading, introduces frames for better page layout, and supports Sun's Java language. Java lets you send programs—not just text and graphics—over the Web. Navigator 2.0 also offers an applications program interface (API) for online apps that can launch from the Navigator window, and they both provide e-mail.

Navigator Gold adds the ability to edit HTML documents from within Navigator's main window. If your service provider supports this feature, you can publish Web pages and post revisions to your pages with a single click on Navigator's toolbar.

Netscape's \$54.95 Power Pack provides one-stop shopping for souping up Navigator. It includes:

- SmartMarks, Chat, and file viewers. Tired of constantly returning to pages to check for the elusive New icons? SmartMarks scans pages and notifies you of changes to your favorite sites, turning you into the ultimate Web potato.
- Chat. Yak it up with fellow Net denizens.

Netscape's Chat provides Windows access to the Internet Relay Chat, a real-time, multiroom environment similar to the online services' popular chat features.

• File viewers. The Power Pack also has viewers for several popular Web file formats, including Adobe's Acrobat (for WYSIWYG, high-resolution documents), Apple's QuickTime (for video files), and Progressive Networks' RealAudio Player (for real-time delivery of audio files). Xing Technology's StreamWorks can also deliver near-real-time audio via the Web, and video clips as well.

The Web moves into the third dimension with the Virtual Reality Modeling Language (VRML). Instead of scrolling up and down a page, you can maneuver around the halls of a museum and fly by landmarks. Several VRML browsers should be available by press time, but one of the first to support Netscape is Paper Software's WebFX.

While not as navigable as true 3-D technologies like VRML, Apple's QuickTime VR provides a level of realism on 386-based machines that's difficult to achieve on Silicon Graphics workstations. You can look around a room, look up and down, pick up objects, and spin them. QuickTime VR viewing will probably be built into a future version of the QuickTime movie player for Windows and the Mac.

PICKS

PC COMPUTING'S DREAM WEB SETUP

Here are the essential materials you'll need to build your Ultimate Web Surfboard. You can find helper applications and information links at *PC Computing*'s Web site (http://www.zd.com/~pccomp/).

- Browser: Netscape's Navigator Gold 2.0 http://home.netscape.com/
- Web Tracking: First Floor Software's SmartMarks http://home.netscape.com/comprod/smartmarks_install.html
- Chat: Netscape's Chat http://home.netscape.com/comprod/chat.html
- Document Viewer: Adobe's Acrobat Reader http://www.adobe.com/Software/Acrobat/
- Panoramic Scenes: Apple's QuickTime VR http://qtvr.quicktime.apple.com/
- Real-time Audio: Progressive Networks' RealAudio Player http://www.realaudio.com/
- Real-time Audio and Video: Xing Technology's StreamWorks http://www.xingtech.com/
- VRML: Paper Software's WebFX http://www.paperinc.com/
- Phone: Quarterdeck's WebPhone http://www.qdeck.com/
- Alternative Phone: VocalTec's Internet Phone http://www.vocaltec.com/
- **Videoconferencing:** Connectix's VideoPhone http://www.connectix.com/
- Access Control: SurfWatch Software's SurfWatch http://www.surfwatch.com/

Quarterdeck's WebPhone integrates with the company's Mosaic Web browser to let two people talk via the Internet as they would on a telephone. It, too, faces competition—from VocalTec's Internet Phone and Third Planet Publishing's DigiPhone (www.planeteers.com/index.htm).

While not directly related to the Web, Connectix's \$100 QuickCam has filled a unique niche for

Web users who want to post a quick photo or video. Now Connectix's VideoPhone lets up to six users videoconference using inexpensive cameras (but relatively costly connections). White Pine Software's CU-SeeMe product can also create videoconferences over the Internet in conjunction with video cameras.

Finally, for blocking your children's access to adult content, check out SurfWatch Software's SurfWatch.

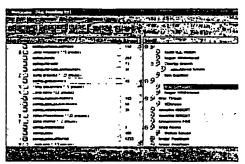
Netscape Navigator

Basic Tasks	How They're Done	What's Unique	
Add name to address book.			
Queue a file for downloading.			
Read replies to a message.			
Save a chat transcript.			
Look up entry in encyclopedia.			

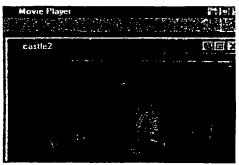
∩ •	_	T۵	eks

Look at the Star Trek Voyager with VRML	
Watch a video with StreamWorks live	
video streaming player.	
Listen to sports, news, and commentary from the ABC network via RealAudio audio player.	
View a live multimedia	Open occurs www.Znancio.nat.c The Nanco isnes used lava to

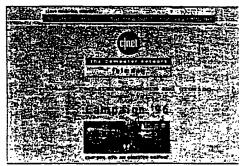
C m/nando.cg//java.



Message Boards: While its searching controls are weak, Navigator puts a great interface on Usenet newsgroups.



Reality Check: The photorealistic QuickTin VR offers more detail but less freedom of movement than graphics-based VRML.



Web Apps: Using a simple Java applet, cine brings some interactivity to its site with scrolling headlines at the top of the page.

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/ie

newspaper with Java.

EXHIBIT M

DESIGNALLY FILED

VASER-DI - MUSIC VIDEO DIGITAL

DRINK MACHINE DOOR)

DESIGNER:

JAMES A SATCHELLOR

WASIC VIDEO

MUSIC V

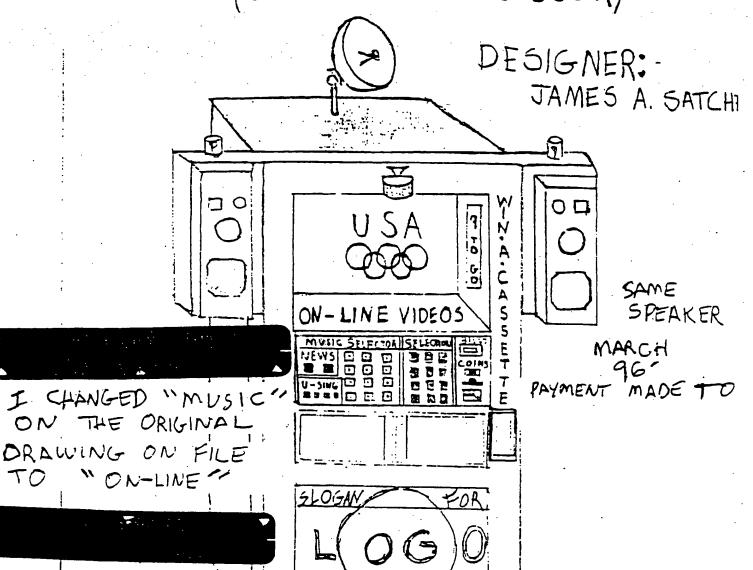
AMY THING WMUSIC VIDEO" TO

"ONLINE VIDEOS"

MARCH 5, 1946 CHANGE

ISOMETRIC DRAWING

LASEP-DISC MUSIC VIDED DIGITAL (DRINK MACHINE DOOR)



ISOMETRIC DRAWING

DRIGINAL RECORD SUMMITTED TO USPTU-LATER MAIL TO ATTURNEY CHARRET V. DAVIS



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of

Inventors: James A. SATCHELL, Jr. et al

Original U.S. Patent No.: 5,822,216, issued October 13, 1998

Reissue Application Serial No.: 09/686,626 Group Art Unit: 2121

Reissue Application Filing Date: October 12, 2000 Examiner: S. Garland

For: VENDING MACHINE AND COMPUTER ASSEMBLY

RULE 132 DECLARATION OF MR. JAMES A SATCHELL, JR AND MR. JOHNSON ASAMADU IN RESPONSE TO REQUEST FOR INFORMATION

We, James A. Satchell, Jr. and Johnson Asumadu, make this joint declaration:

- 1. We are the inventors of the invention claimed in U.S. Patent No. 5,822,216 (hereinafter "the '216 patent"), and are the joint applicants in this reissue application of the '216 patent.
- We are familiar with the previous declaration of Mr. James A. Satchell, Jr. filed
 August 20, 2004 (resubmitted October 22, 2004) and Exhibits thereto, which are
 herein incorporated by reference in their entireties.
- 3. We agree that all evidence of conception and/or diligence as set forth in such previously filed declaration of Mr. James A. Satchell, Jr. is evidence of the invention and diligence attributable only the efforts of Mr. James A. Satchell, Jr.
- We also agree that the subject matter set forth in previous application no.
 08/429,583 is solely the inventive effort of Mr. James A. Satchell, Jr.

- 5. We agree that both of us cooperated in providing the description in application no. 08/715,232, filed September 18, 1996; for example, Johnson Asumadu prepared the drawings relating to the flow charts (e.g., Figs. 4, 5 and 6) in the '232 application, while James A. Satchell, Jr. prepared the drawings of the vending machine (e.g., Figs. 1-3), and that we jointly provided portions of the written description of the invention.
- 6. We specifically point out that the inventorship (either singly or jointly) or each new claim of the present application with "S" meaning Mr. James A. Satchell, Jr; "A" meaning Mr. Johnson Asumadu, and "J" meaning joint:

Claim	Inventor
31	S
32	S
33	S
34	S
35	S
36	J
37	J
38	J
39	S
40	S
41	J
60	J
61	S
62	J

63	S
64	S
65	S
66	S
67	J
68	S
69	S
70	J
71	S
72	J
73	J
74	J
75	J
76	S
77	S
78	S
79	S
80	S
81	S
82	S
83	·J
84	J
85	J
86	S
87	J
88	S

89 J 90 S 91 J 92 J 93 J 94 S 95 J 96 S 97 S 98 J 99 J 100 S 101 J 102 S 103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S 114 J		
91 J 92 J 93 J 94 S 95 J 96 S 97 S 98 J 99 J 100 S 101 J 102 S 103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	89	J
92 J 93 J 94 S 95 J 96 S 97 S 98 J 99 J 100 S 101 J 102 S 103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	90	S
93 J 94 S 95 J 96 S 97 S 98 J 99 J 100 S 101 J 102 S 103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	91	J
93 J 94 S 95 J 96 S 97 S 98 J 99 J 100 S 101 J 102 S 103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	92	J
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96 S 97 S 98 J 99 J 100 S 101 J 102 S 103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	94	S
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98 J 99 J 100 S 101 J 102 S 103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	96	S
99 J 100 S 101 J 102 S 103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	97	S
100 S 101 J 102 S 103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	98	J
101 J 102 S 103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	99	J
102 S 103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	100	S
103 J 104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	101	J
104 J 105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	102	S
105 J 106 J 107 J 108 S 109 J 110 S 111 J 112 S 113 S	103	J
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107 J 108 S 109 J 110 S 111 J 112 S 113 S	105	J
108 S 109 J 110 S 111 J 112 S 113 S	106	J
109 J 110 S 111 J 112 S 113 S	107	J
110 S 111 J 112 S 113 S	108	S
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112 S 113 S	110	S
113 S	111	J
	112	S
114 J	113	S
	114	J

115	J
116	J
117	J
118	J
119	J
120	J
121	J
122	J
123	J
124	J
125	J
126	J
127	S
129	J
130	S
132	S

- 7. We ratify the previous declaration of Mr. Satchell and are familiar with the examiner's criticisms of the Satchell declaration heretofore submitted and make the following supplement thereof.
- (A) Enclosed as Exhibit E and F to this declaration are the best available copies of Exhibits E and F of Mr. Satchell's previous declaration.
- (B) Mr. Satchell states that
 - (1) after being without electricity from Oct. 5 to Oct. 18, 1995, due to

 Hurricane Opal and the attendant lack of running water, sanitation, showers, clean

 clothes, lights other than candles, electric appliances and other hygienic services,

and on Oct. 19, 1995, Mr. Satchell helped wash clothes, bathe his children, remove debris from the roof of his house and cut trees blocking his driveway and otherwise was "cleaning up" after restoration of electric power.

- (2) From Nov. 14-16, Mr. Satchell reviewed literature purporting to explain th use of the internet as a future commonplace form and means of communication.
- (3) (a) H.R. 1506 referred to in paragraphs 13, 17, 20, etc. of Mr. Satchell's previous declaration refer to a bill purporting to regulate the internet/make available the internet to persons within the United States.
- (b) That such regulations/availability might affect how Mr. Satchell's invention could be implemented because of possible regulation/unavailability.
- (c) The animation was an attempt to present in visual form, a description of the invention, but Mr. Satchell later learned could not be effectively communicated in a patent application.

Further declarants sayeth not.

I, further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the this application or of any reissue patent to issue thereon.

James A. Satchell, Jr.

Johnson Asumadu

March 26, 2005

MARCH 26, 2005

Date

Date

EXHIBIT E



APPLICATION #08/429,583 FILING DATE 08/17/95

Page #6

Laser-Disc Music Video Door (Drink Machine Door)
Claims

What I claim as my invention is: Something that will inter net/world wide wed, most types of vending machines, and the Soda-Machine Door into the entertainment/advertisement World. Soda-machine doors with still facades will surely step aside to customer entertainment; Live News Events, Pre-recorded Music Videos, Live auditions for T.V. Commercials. All possible by a purchase of a soda. I claim these features combined with my design on The Laser-disc Music Video Drink Machine Door, Door designed with;

- 1) Video Screen 2) Speakers for Stereo-sound
- 3) Satellite receiver antenna 4) Cameras
- 5) Video Record-Playback 6) Cassette giftdispenser 7) Motion Detectors 8) Multi-Selection Panels 9) Adaptors for Internet/ World Wide Wed reception to Door.

I <u>Some (1 Solve) (15.</u>, claim this combination Entertainment package design as a replacement door for existing soda machines. On this day <u>05/36/95</u>.

I have containing additional subject matter to, or divisions of,...). I claim this combination Entertainment/Advertisement package design as a replacement Door, for some, and a Primary Door for others, for these general public, entertaining, inform ational, Futuristic "On-Line" Billboard Vending Machine Doors. On this Day

SIGNED 11/8/95, STAMPED BY USATO IS CHANGE OF "MUSIC VIDED" TO ON-LINE VIDEOS, AFTER LAWER PEAD "ON-LINE VIDEOS

EXHIBIT F

- CLARMS

WHAT I CLAIM AS MY INVENTION IS: A VENDING MACHINE THAT WILL INTERNE WORLD WIDE WED/AMERICAN ON LINE MOST TYPES OF VENDING MACHINES, INTO ENTERTAINMENT/ADVERTISEMENT WORLD.

- 1. A DISPENSER APPARATUS COMPRISING ADD OIL) MEANS TO ACCESS INTERNET ADVERTISEMENT. (WED 9) MEANS TO ACCESS LIVE NEWS EVENTS.
- b) MEANS TO ACCESS WEDSITES
- C) MEANS TO ACCESS ON LOCATION VIDEO/AUD OF ANY BUSINESS THAT WOULD CREATE COMPATIBLE DISK FOR PERSONALIZE BUSINESS ACTIVITIES, ORGINAL CLAIM ATTEMPT, S. FROM OLD PATENT (HELP M.
- 2) A DISPENSER ACCORDING TO CLAI, 1 IN WHICH SAID MEANS FOR
 - ACCESS TO MUSICAL WEDSITES. INFORMATIONAL TRANSMISSON RECEIVENCY, MEANS SAID FROM WE STIE
- 3) A DISPENSER WITH DIRECT LENKS TE EXTERNAL SOURCES WITH SAID MEANS. FOR ALLESS TO ON-LINE SERVICES,
- 4) A DISPENSER WITH VISUAL RECORD/PLAY MEANS, FOR CUSTOMER INTERACTION (SONG-A)

AUDIDION OF THE CUSTOMER STREET PERFORMANCE

THEN KAN PFOR AND ADDITIONAL KOST, COMPANY

WEBSITE FOR D. A CHANCE AT THEIR

A SERIES OF TIV. COMMECIALS WHICH THE

OF THESE NEW VENDING MACHINES.

TWO-WAY AUDIO/ VISALAL COMMONICATION THE COSTEDMER WHO HAS NO MUSICAL INTERES NO INFORMATIONAL INTEREST, HAS AN OPTION, FEATURE WHICH IS EMBODIED IN THE PRESENT INVENTION. "PLAYING THE MATCH MAKING GAME, THIS FEATURE ALLOWS THE CUSTOMER TO CRUBE-THE VENDING MACHINES FINDS OTHER VENDING MACHINE MACHINE BEING USED AT THE SAME TIME, IT THEN ALLOWS THE TWO - VENDER - USERS, TO COMMINICATE IF DESIRABLE.) FIRST, THE MACHINE TEXTOTATION ALLOW THE TWO USERS TO ASK QUESTIONS ABOUT EACH OTHER TYPIGRAPHICALLY, THEN AND AUDIABLY IF DETIRABLE, THEN VISUALLY IF DESIRABLE, ALL FOR AN ADDITIONAL COST. POTENE PYTTING VENDING MACHINE - USER IN DIRECT COMMUNICATION WITH EACH OF



In re the Reissue Application of

Inventors: James A. SATCHELL, Jr. et al

Original U.S. Patent No.: 5,822,216, issued October 13, 1998

Reissue Application Serial No.: 09/686,626

Group Art Unit: 2121

Reissue Application Filing Date: October 12, 2000

Examiner: S. Garland

For: VENDING MACHINE AND COMPUTER ASSEMBLY

SUPPLEMENTAL RULE 132 DECLARATION OF MR. JAMES A SATCHELL, JR AND MR. JOHNSON ASAMADU IN RESPONSE TO REQUEST FOR INFORMATION

We, James A. Satchell, Jr. and Johnson Asumadu, make this joint declaration:

- 1. We are the inventors of the invention claimed in U.S. Patent No. 5,822,216 (hereinafter "the '216 patent"), and are the joint applicants in this reissue application of the '216 patent.
- 2. Together, we, James A. Satchell, Jr. and Johnson Asumadu, made a previous declaration filed on March 31, 2005 and James A. Sachell, Jr. made a previous declaration filed on August 20, 2004 (resubmitted on October 22, 2004) (hereinafter "Previous Declarations"), which are incorporated by reference in their entirety, and ratified jointly by us in this declaration.
- 3. The previous joint declaration specifically pointed out the inventorship (either singly or jointly) of each new claim of the present application with an "S" meaning Mr. James A. Satchell, Jr; an "A" meaning Mr. Johnson Asumadu, or a "J" meaning joint in Paragraph 6 thereof.

- 4. However, the listing in Paragraph 6 of the previous joint declaration inadvertently omitted claims 131, 133 and 134. Thus, together, we, James A. Satchell, Jr. and Johnson Asumadu, declare that the subject mater of each of claims 131, 133 and 134 was the sole invention of both, James A. Satchell, Jr.
- 5. We each further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

 Code and that such willful false statements may jeopardize the validity of the this application or of any reissue patent to issue thereon.

Further declarants sayeth not.

James A. Satchell, Jr.

05/09/05

Date

Johnson Asumadu

05/09/05

Date

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<u>APPENDIX C</u> - Related Proceedings

N/A

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